

Tab.2 - Relativistická korekce

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad) | E oběhů | korekce (d) | O-C(d) | O-C korigované |
|------------|---------|------------|-----------|------------|-------------|-------------|-----------------|-----------------------|---------|-------------|------------|----------------|
| WASP-76b | 0,033 | 4936729733 | 1,809886 | 156374,15 | 2,91033E+30 | 2,16126E+03 | 8,25217E-06 | 1,15860E-02 | 1404 | 0,00334 | -0,01225 | -0,008913 |
| WASP-12b | 0,02293 | 3430279175 | 1,0914222 | 94298,8781 | 2,68491E+30 | 1,99386E+03 | 1,09563E-05 | 4,68164E-02 | 4273 | 0,00813 | -0,01065 | -0,002518 |
| HAT-P-44b | 0,0507 | 7584612044 | 4,301217 | 371625,149 | 1,86872E+30 | 1,38774E+03 | 3,44886E-06 | 2,69701E-03 | 782 | 0,00185 | -0,017664 | -0,015818 |
| HAT-P-9b | 0,053 | 7928687147 | 3,922814 | 338931,13 | 2,56646E+30 | 1,90590E+03 | 4,53105E-06 | 5,60491E-03 | 1237 | 0,00350 | -0,007048 | -0,003549 |
| HAT-P-19b | 0,0466 | 6971260775 | 4,008778 | 346358,419 | 1,67046E+30 | 1,24051E+03 | 3,35421E-06 | 3,40453E-03 | 1015 | 0,00217 | 0,00592 | 0,008092 |
| WASP-138b | 0,0494 | 7390134813 | 3,634433 | 314015,011 | 2,42109E+30 | 1,79794E+03 | 4,58589E-06 | 2,29753E-03 | 501 | 0,00133 | -0,007523 | -0,006194 |
| WASP-114b | 0,02851 | 4265035294 | 1,5487743 | 133814,1 | 2,56282E+30 | 1,90319E+03 | 8,41126E-06 | 1,32225E-02 | 1572 | 0,00326 | -0,0076 | -0,004341 |
| WASP-52b | 0,0272 | 4069062083 | 1,7497798 | 151180,975 | 1,74358E+30 | 1,29481E+03 | 5,99810E-06 | 9,63295E-03 | 1606 | 0,00268 | 0,00213 | 0,004813 |
| WASP-16b | 0,02044 | 3057780477 | 0,9689951 | 83721,1766 | 2,41269E+30 | 1,79171E+03 | 1,10449E-05 | 2,18468E-02 | 1978 | 0,00337 | -0,0018478 | 0,001521 |
| WASP-80b | 0,0346 | 5176086326 | 3,0678504 | 265062,275 | 1,16752E+30 | 8,67016E+02 | 3,15738E-06 | 2,27647E-03 | 721 | 0,00111 | 0,0005316 | 0,001643 |
| Qatar-2b | 0,02149 | 3214858241 | 1,3371182 | 115527,012 | 1,47256E+30 | 1,09355E+03 | 6,41174E-06 | 1,42982E-02 | 2230 | 0,00304 | -0,00316 | -0,000117 |
| XO-5b | 0,0487 | 7285416303 | 4,1877537 | 361821,92 | 1,74714E+30 | 1,29745E+03 | 3,35690E-06 | 2,74930E-03 | 819 | 0,00183 | 0,0035 | 0,005332 |

Vysvětlivky:

R(AU) ... vzdálenost objektu od epicentra v a.j.

a(m) ... vzdálenost objektu od epicentra v metrech

P(d) ... perioda oběhu ve dnech

P(s) ... perioda oběhu v sec.

M(kg) ... celková hmotnost objektů v kg

Rg(m) ... gravitační poloměr určený celkovou hmotností v metrech

φ (rad) ... stočení přímky apsid v radiánech

$\Sigma\varphi$ (rad) ... celkové stočení přímky apsid za dobu určenou počtem oběhů N

E ... počet oběhů za sledované období

korekce(d) ... zlomek dne o který nastane průchod obíhajícího tělesa spojnicí pozorovatel-střed hvězdy za dobu sledování

O-C(d) ... reozíl mezi pozorovaným okamžikem a předpovědí průchodu obíhajícího tělesa spojnicí pozorovatel-střed hvězdy za dobu sledování

O-C korigované ... O-C(d) korigované o korekci(d), míra ovlivnění doby oběhu jinými tělesy v soustavě

Poznámka:

Výstřednost eliptických drah exoplanet $e \approx 0$.

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|-----------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| WASP-140b | 0,0323 | 4,832E+09 | 2,359835 | 203889,74 | 1,605E+30 | 1,19210E+03 | 4,65034E-06 | 7,18942E-03 | 1546 | 0,00270 |
| WASP-26b | 0,04 | 5,984E+09 | 2,7566 | 238170,24 | 2,234E+30 | 1,65920E+03 | 5,22655E-06 | 6,91995E-03 | 1324 | 0,00304 |
| WASP-138b | 0,0491 | 7,345E+09 | 3,634433 | 314015,01 | 2,377E+30 | 1,76538E+03 | 4,53036E-06 | 4,54848E-03 | 1004 | 0,00263 |
| HD189733b | 0,03099 | 4,636E+09 | 2,2185733 | 191684,73 | 1,604E+30 | 1,19120E+03 | 4,84327E-06 | 7,96717E-03 | 1645 | 0,00281 |
| WASP-146b | 0,0451 | 6,747E+09 | 3,396944 | 293495,96 | 2,109E+30 | 1,56610E+03 | 4,37541E-06 | 4,69919E-03 | 1074 | 0,00254 |
| GJ214b | 0,014 | 2,094E+09 | 1,5804048 | 136546,98 | 2,914E+29 | 2,16429E+02 | 1,94788E-06 | 4,49765E-03 | 2309 | 0,00113 |
| KPS1 | 0,0269 | 4,024E+09 | 1,706291 | 147423,54 | 1,774E+30 | 1,31710E+03 | 6,16937E-06 | 1,31963E-02 | 2139 | 0,00358 |
| WASP-21b | 0,052 | 7,779E+09 | 4,322541 | 373467,54 | 1,996E+30 | 1,48251E+03 | 3,59229E-06 | 3,03189E-03 | 844 | 0,00209 |
| WASP-114b | 0,02851 | 4,265E+09 | 1,5487743 | 133814,1 | 2,563E+30 | 1,90319E+03 | 8,41126E-06 | 1,98169E-02 | 2356 | 0,00488 |
| HAT-P-38b | 0,0523 | 7,824E+09 | 4,640382 | 400929 | 1,762E+30 | 1,30877E+03 | 3,15311E-06 | 2,47834E-03 | 786 | 0,00183 |
| CoRoT-1b | 0,0254 | 3,8E+09 | 1,50897 | 130374,92 | 1,909E+30 | 1,41778E+03 | 7,03315E-06 | 1,70061E-02 | 2418 | 0,00408 |
| CoRoT-10b | 0,1055 | 1,578E+10 | 13,2406 | 1143987,8 | 1,777E+30 | 1,31950E+03 | 1,57591E-06 | 4,33376E-04 | 275 | 0,00091 |
| CoRoT-11b | 0,0436 | 6,522E+09 | 2,994285 | 258706,22 | 2,452E+30 | 1,82113E+03 | 5,26295E-06 | 6,41028E-03 | 1218 | 0,00305 |
| CoRoT-12b | 0,04016 | 6,008E+09 | 2,828042 | 244342,83 | 2,148E+30 | 1,59543E+03 | 5,00563E-06 | 6,45726E-03 | 1290 | 0,00291 |
| CoRoT-13b | 0,051 | 7,629E+09 | 4,03519 | 348640,42 | 2,161E+30 | 1,60491E+03 | 3,96511E-06 | 3,58446E-03 | 904 | 0,00230 |
| CoRoT-18b | 0,0295 | 4,413E+09 | 1,9000693 | 164165,99 | 1,886E+30 | 1,40086E+03 | 5,98340E-06 | 1,14881E-02 | 1920 | 0,00347 |
| CoRoT-19b | 0,0518 | 7,749E+09 | 3,89713 | 336712,03 | 2,428E+30 | 1,80288E+03 | 4,38543E-06 | 4,10477E-03 | 936 | 0,00255 |
| CoRoT-2b | 0,0281 | 4,204E+09 | 1,7429935 | 150594,64 | 1,937E+30 | 1,43878E+03 | 6,45155E-06 | 1,35095E-02 | 2094 | 0,00375 |
| CoRoT-20b | 0,0902 | 1,349E+10 | 9,24285 | 798582,24 | 2,279E+30 | 1,69229E+03 | 2,36398E-06 | 9,31409E-04 | 394 | 0,00137 |
| CoRoT-3b | 0,057 | 8,527E+09 | 4,2568 | 367787,52 | 2,711E+30 | 2,01338E+03 | 4,45068E-06 | 3,81423E-03 | 857 | 0,00258 |
| CoRoT-5b | 0,04947 | 7,401E+09 | 4,0378962 | 348874,23 | 1,97E+30 | 1,46279E+03 | 3,72577E-06 | 3,36437E-03 | 903 | 0,00216 |
| CoRoT-6b | 0,0855 | 1,279E+10 | 8,886593 | 767801,64 | 2,1E+30 | 1,55917E+03 | 2,29776E-06 | 9,42081E-04 | 410 | 0,00133 |
| CoRoT-7b | 0,0172 | 2,573E+09 | 0,853585 | 73749,744 | 1,853E+30 | 1,37581E+03 | 1,00787E-05 | 4,30967E-02 | 4276 | 0,00585 |
| CoRoT-8b | 0,063 | 9,425E+09 | 6,21272 | 536779,01 | 1,719E+30 | 1,27622E+03 | 2,55247E-06 | 1,49830E-03 | 587 | 0,00148 |
| EPIC-210957318b | 0,04986 | 7,459E+09 | 4,098507 | 354111 | 1,958E+30 | 1,45369E+03 | 3,67363E-06 | 3,26953E-03 | 890 | 0,00213 |
| EPIC-211089792b | 0,04217 | 6,309E+09 | 3,2588321 | 281563,09 | 1,873E+30 | 1,39109E+03 | 4,15648E-06 | 4,65526E-03 | 1120 | 0,00241 |
| EPIC-212110888b | 0,04419 | 6,611E+09 | 2,995607 | 258820,44 | 2,551E+30 | 1,89439E+03 | 5,40158E-06 | 6,57913E-03 | 1218 | 0,00314 |
| GJ3470b | 0,0348 | 5,206E+09 | 3,33665 | 288286,56 | 1,004E+30 | 7,45733E+02 | 2,70010E-06 | 2,95121E-03 | 1093 | 0,00157 |
| GJ436b | 0,02872 | 4,296E+09 | 2,643901 | 228433,05 | 8,99E+29 | 6,67621E+02 | 2,92901E-06 | 4,04204E-03 | 1380 | 0,00170 |

Tab.3 - Relativistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| HAT-P-1b | 0,0553 | 8,273E+09 | 4,46529 | 385801,06 | 2,25E+30 | 1,67087E+03 | 3,80710E-06 | 3,11040E-03 | 817 | 0,00221 |
| HAT-P-10b | 0,0439 | 6,567E+09 | 3,722469 | 321621,32 | 1,62E+30 | 1,20281E+03 | 3,45231E-06 | 3,38326E-03 | 980 | 0,00200 |
| HAT-P-11b | 0,0439 | 6,567E+09 | 4,887845 | 422309,81 | 9,394E+29 | 6,97631E+02 | 2,00234E-06 | 1,49374E-03 | 746 | 0,00116 |
| HAT-P-12b | 0,384 | 5,745E+10 | 3,2130598 | 277608,37 | 1,455E+33 | 1,08050E+06 | 3,54542E-04 | 4,02405E-01 | 1135 | 0,20578 |
| HAT-P-13b | 0,0426 | 6,373E+09 | 2,916243 | 251963,4 | 2,411E+30 | 1,79081E+03 | 5,29681E-06 | 6,62631E-03 | 1251 | 0,00308 |
| HAT-P-14b | 0,0606 | 9,066E+09 | 4,627669 | 399830,6 | 2,757E+30 | 2,04720E+03 | 4,25661E-06 | 3,35421E-03 | 788 | 0,00247 |
| HAT-P-15b | 0,0964 | 1,442E+10 | 10,863502 | 938606,57 | 2,014E+30 | 1,49540E+03 | 1,95460E-06 | 6,54790E-04 | 335 | 0,00113 |
| HAT-P-16b | 0,0413 | 6,178E+09 | 2,77596 | 239842,94 | 2,425E+30 | 1,80091E+03 | 5,49435E-06 | 7,21958E-03 | 1314 | 0,00319 |
| HAT-P-17b | 0,0882 | 1,319E+10 | 10,338523 | 893248,39 | 1,703E+30 | 1,26461E+03 | 1,80660E-06 | 6,37731E-04 | 353 | 0,00105 |
| HAT-P-18b | 0,0559 | 8,363E+09 | 5,508023 | 475893,19 | 1,527E+30 | 1,13426E+03 | 2,55667E-06 | 1,69252E-03 | 662 | 0,00148 |
| HAT-P-2b | 0,0686 | 1,026E+10 | 5,533495 | 478093,97 | 2,797E+30 | 2,07702E+03 | 3,81498E-06 | 2,51407E-03 | 659 | 0,00221 |
| HAT-P-20b | 0,0361 | 5,4E+09 | 2,875317 | 248427,39 | 1,51E+30 | 1,12103E+03 | 3,91278E-06 | 4,96532E-03 | 1269 | 0,00227 |
| HAT-P-21b | 0,0494 | 7,39E+09 | 4,124481 | 356355,16 | 1,88E+30 | 1,39608E+03 | 3,56089E-06 | 3,14782E-03 | 884 | 0,00207 |
| HAT-P-22b | 0,0414 | 6,193E+09 | 3,21222 | 277535,81 | 1,824E+30 | 1,35474E+03 | 4,12319E-06 | 4,68394E-03 | 1136 | 0,00239 |
| HAT-P-23b | 0,0232 | 3,471E+09 | 1,212884 | 104793,18 | 2,252E+30 | 1,67222E+03 | 9,08197E-06 | 2,73277E-02 | 3009 | 0,00528 |
| HAT-P-24b | 0,0465 | 6,956E+09 | 3,3552464 | 289893,29 | 2,369E+30 | 1,75945E+03 | 4,76760E-06 | 5,18238E-03 | 1087 | 0,00277 |
| HAT-P-25b | 0,0466 | 6,971E+09 | 3,652836 | 315605,03 | 2,012E+30 | 1,49405E+03 | 4,03975E-06 | 4,03571E-03 | 999 | 0,00235 |
| HAT-P-26b | 0,0478 | 7,151E+09 | 4,234515 | 365862,1 | 1,616E+30 | 1,19990E+03 | 3,16294E-06 | 2,72329E-03 | 861 | 0,00184 |
| HAT-P-27b | 0,0403 | 6,029E+09 | 3,039586 | 262620,23 | 1,879E+30 | 1,39558E+03 | 4,36339E-06 | 5,23607E-03 | 1200 | 0,00253 |
| HAT-P-28b | 0,0434 | 6,493E+09 | 3,257215 | 281423,38 | 2,044E+30 | 1,51790E+03 | 4,40686E-06 | 4,93568E-03 | 1120 | 0,00256 |
| HAT-P-29b | 0,0667 | 9,978E+09 | 5,723186 | 494483,27 | 2,403E+30 | 1,78471E+03 | 3,37147E-06 | 2,14762E-03 | 637 | 0,00196 |
| HAT-P-3b | 0,03883 | 5,809E+09 | 2,899736 | 250537,19 | 1,847E+30 | 1,37168E+03 | 4,45103E-06 | 5,59940E-03 | 1258 | 0,00258 |
| HAT-P-30b | 0,0419 | 6,268E+09 | 2,810595 | 242835,41 | 2,47E+30 | 1,83448E+03 | 5,51664E-06 | 7,16059E-03 | 1298 | 0,00320 |

Tab.3 - Reletivistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| HAT-P-31b | 0,055 | 8,228E+09 | 5,005425 | 432468,72 | 1,762E+30 | 1,30820E+03 | 2,99700E-06 | 2,18481E-03 | 729 | 0,00174 |
| HAT-P-32b | 0,0343 | 5,131E+09 | 2,150008 | 185760,69 | 2,316E+30 | 1,71977E+03 | 6,31758E-06 | 1,07209E-02 | 1697 | 0,00367 |
| HAT-P-33b | 0,0499 | 7,465E+09 | 3,474474 | 300194,55 | 2,73E+30 | 2,02764E+03 | 5,11995E-06 | 5,37595E-03 | 1050 | 0,00297 |
| HAT-P-34b | 0,0677 | 1,013E+10 | 5,452654 | 471109,31 | 2,769E+30 | 2,05597E+03 | 3,82652E-06 | 2,55994E-03 | 669 | 0,00222 |
| HAT-P-35b | 0,0498 | 7,45E+09 | 3,646706 | 315075,4 | 2,464E+30 | 1,82959E+03 | 4,62914E-06 | 4,62914E-03 | 1000 | 0,00269 |
| HAT-P-36b | 0,0238 | 3,56E+09 | 1,327347 | 114682,78 | 2,03E+30 | 1,50740E+03 | 7,98046E-06 | 2,19383E-02 | 2749 | 0,00463 |
| HAT-P-37b | 0,0379 | 5,67E+09 | 2,797436 | 241698,47 | 1,845E+30 | 1,37045E+03 | 4,55618E-06 | 5,94126E-03 | 1304 | 0,00265 |
| HAT-P-38b | 0,0523 | 7,824E+09 | 4,640382 | 400929 | 1,762E+30 | 1,30877E+03 | 3,15311E-06 | 2,47834E-03 | 786 | 0,00183 |
| HAT-P-39b | 0,0509 | 7,615E+09 | 3,54387 | 306190,37 | 2,785E+30 | 2,06854E+03 | 5,12062E-06 | 5,26912E-03 | 1029 | 0,00297 |
| HAT-P-40b | 0,0608 | 9,096E+09 | 4,457243 | 385105,8 | 3,001E+30 | 2,22867E+03 | 4,61867E-06 | 3,77808E-03 | 818 | 0,00268 |
| HAT-P-41b | 0,0424 | 6,343E+09 | 2,694047 | 232765,66 | 2,786E+30 | 2,06897E+03 | 6,14843E-06 | 8,32497E-03 | 1354 | 0,00357 |
| HAT-P-42b | 0,0575 | 8,602E+09 | 4,641876 | 401058,09 | 2,341E+30 | 1,73814E+03 | 3,80883E-06 | 2,99374E-03 | 786 | 0,00221 |
| HAT-P-43b | 0,0443 | 6,627E+09 | 3,332688 | 287944,24 | 2,076E+30 | 1,54202E+03 | 4,38592E-06 | 4,80258E-03 | 1095 | 0,00255 |
| HAT-P-44b | 0,0507 | 7,585E+09 | 4,301217 | 371625,15 | 1,869E+30 | 1,38774E+03 | 3,44886E-06 | 2,92464E-03 | 848 | 0,00200 |
| HAT-P-45b | 0,0452 | 6,762E+09 | 3,128992 | 270344,91 | 2,502E+30 | 1,85812E+03 | 5,17977E-06 | 6,03962E-03 | 1166 | 0,00301 |
| HAT-P-46b | 0,0577 | 8,632E+09 | 4,463129 | 385614,35 | 2,558E+30 | 1,89983E+03 | 4,14873E-06 | 3,38952E-03 | 817 | 0,00241 |
| HAT-P-49b | 0,0438 | 6,552E+09 | 2,691548 | 232549,75 | 3,077E+30 | 2,28499E+03 | 6,57335E-06 | 8,91346E-03 | 1356 | 0,00382 |
| HAT-P-5b | 0,04095 | 6,126E+09 | 2,788474 | 240924,15 | 2,343E+30 | 1,73979E+03 | 5,35325E-06 | 7,00205E-03 | 1308 | 0,00311 |
| HAT-P-50b | 0,0453 | 6,777E+09 | 3,1220109 | 269741,74 | 2,53E+30 | 1,87885E+03 | 5,22601E-06 | 6,10921E-03 | 1169 | 0,00304 |
| HAT-P-51b | 0,05069 | 7,583E+09 | 4,2180278 | 364437,6 | 1,942E+30 | 1,44217E+03 | 3,58483E-06 | 3,10088E-03 | 865 | 0,00208 |
| HAT-P-52b | 0,03694 | 5,526E+09 | 2,7535953 | 237910,63 | 1,764E+30 | 1,30966E+03 | 4,46721E-06 | 5,91905E-03 | 1325 | 0,00259 |
| HAT-P-53b | 0,03159 | 4,726E+09 | 1,9616241 | 169484,32 | 2,173E+30 | 1,61393E+03 | 6,43740E-06 | 1,19736E-02 | 1860 | 0,00374 |
| HAT-P-54b | 0,04117 | 6,159E+09 | 3,799847 | 328306,78 | 1,282E+30 | 9,52089E+02 | 2,91388E-06 | 2,79733E-03 | 960 | 0,00169 |
| HAT-P-55b | 0,04604 | 6,887E+09 | 3,5852467 | 309765,31 | 2,014E+30 | 1,49567E+03 | 4,09332E-06 | 4,16700E-03 | 1018 | 0,00238 |
| HAT-P-56b | 0,0423 | 6,328E+09 | 2,7908327 | 241127,95 | 2,578E+30 | 1,91435E+03 | 5,70238E-06 | 7,45301E-03 | 1307 | 0,00331 |
| HAT-P-57b | 0,0406 | 6,074E+09 | 2,465295 | 213001,49 | 2,921E+30 | 2,16924E+03 | 6,73220E-06 | 9,96366E-03 | 1480 | 0,00391 |
| HAT-P-6b | 0,05237 | 7,834E+09 | 3,852985 | 332897,9 | 2,567E+30 | 1,90599E+03 | 4,58578E-06 | 4,34273E-03 | 947 | 0,00266 |
| HAT-P-65b | 0,03951 | 5,911E+09 | 2,6054552 | 225111,33 | 2,41E+30 | 1,78987E+03 | 5,70807E-06 | 7,99130E-03 | 1400 | 0,00331 |
| HAT-P-67b | 0,06505 | 9,731E+09 | 4,8101025 | 415592,86 | 3,156E+30 | 2,34369E+03 | 4,53972E-06 | 3,44111E-03 | 758 | 0,00263 |
| HAT-P-7b | 0,0379 | 5,67E+09 | 2,2047299 | 190488,66 | 2,971E+30 | 2,20635E+03 | 7,33517E-06 | 1,21397E-02 | 1655 | 0,00426 |
| HAT-P-8b | 0,0487 | 7,285E+09 | 3,676339 | 317635,69 | 2,267E+30 | 1,68354E+03 | 4,35582E-06 | 4,32097E-03 | 992 | 0,00253 |

Tab.3 - Reletivistická korekce u exoplanet

list 4/10

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| Qatar-1b | 0,02343 | 3,505E+09 | 1,4200246 | 122690,13 | 1,692E+30 | 1,25659E+03 | 6,75765E-06 | 1,73672E-02 | 2570 | 0,00393 |
| Qatar-2b | 0,02149 | 3,215E+09 | 1,3371182 | 115527,01 | 1,473E+30 | 1,09355E+03 | 6,41174E-06 | 1,74976E-02 | 2729 | 0,00372 |
| Qatar-3b | 0,03783 | 5,659E+09 | 2,5079204 | 216684,32 | 2,283E+30 | 1,69570E+03 | 5,64791E-06 | 8,21771E-03 | 1455 | 0,00328 |
| Qatar-4b | 0,02861 | 4,28E+09 | 1,8053704 | 155984 | 1,906E+30 | 1,41543E+03 | 6,23370E-06 | 1,25983E-02 | 2021 | 0,00362 |
| Qatar-5b | 0,04127 | 6,174E+09 | 2,8792319 | 248765,64 | 2,249E+30 | 1,67039E+03 | 5,09986E-06 | 6,46153E-03 | 1267 | 0,00296 |
| TRES-1b | 0,0393 | 5,879E+09 | 3,03007 | 261798,05 | 1,754E+30 | 1,30239E+03 | 4,17564E-06 | 5,02747E-03 | 1204 | 0,00242 |
| TRES-2b | 0,03556 | 5,32E+09 | 2,4706132 | 213460,98 | 1,954E+30 | 1,45125E+03 | 5,14229E-06 | 7,59517E-03 | 1477 | 0,00299 |
| TRES-3b | 0,0226 | 3,381E+09 | 1,3061861 | 112854,48 | 1,795E+30 | 1,33285E+03 | 7,43104E-06 | 2,07623E-02 | 2794 | 0,00432 |
| TRES-4b | 0,05084 | 7,606E+09 | 3,5539268 | 307059,28 | 2,76E+30 | 2,04959E+03 | 5,07969E-06 | 5,21684E-03 | 1027 | 0,00295 |
| TRES-5b | 0,02446 | 3,659E+09 | 1,4822446 | 128065,93 | 1,767E+30 | 1,31219E+03 | 6,75952E-06 | 1,66419E-02 | 2462 | 0,00393 |
| WASP-1b | 0,0382 | 5,715E+09 | 2,519945 | 217723,25 | 2,329E+30 | 1,72932E+03 | 5,70410E-06 | 8,25954E-03 | 1448 | 0,00331 |
| WASP-10b | 0,0371 | 5,55E+09 | 3,092727 | 267211,61 | 1,416E+30 | 1,05173E+03 | 3,57197E-06 | 4,21492E-03 | 1180 | 0,00207 |
| WASP-100b | 0,0457 | 6,837E+09 | 2,849275 | 246177,36 | 3,119E+30 | 2,31604E+03 | 6,38567E-06 | 8,18004E-03 | 1281 | 0,00371 |
| WASP-101b | 0,0506 | 7,57E+09 | 3,585722 | 309806,38 | 2,673E+30 | 1,98502E+03 | 4,94300E-06 | 5,02703E-03 | 1017 | 0,00287 |
| WASP-102b | 0,0401 | 5,999E+09 | 2,709813 | 234127,84 | 2,329E+30 | 1,72990E+03 | 5,43567E-06 | 7,31641E-03 | 1346 | 0,00316 |
| WASP-103b | 0,01985 | 2,97E+09 | 0,925542 | 79966,829 | 2,422E+30 | 1,79869E+03 | 1,14175E-05 | 4,50193E-02 | 3943 | 0,00663 |
| WASP-104b | 0,02918 | 4,365E+09 | 1,7554137 | 151667,74 | 2,139E+30 | 1,58842E+03 | 6,85890E-06 | 1,42597E-02 | 2079 | 0,00398 |
| WASP-107b | 0,055 | 8,228E+09 | 5,72149 | 494336,74 | 1,348E+30 | 1,00124E+03 | 2,29377E-06 | 1,46113E-03 | 637 | 0,00133 |
| WASP-108b | 0,0397 | 5,939E+09 | 2,6755463 | 231167,2 | 2,319E+30 | 1,72192E+03 | 5,46511E-06 | 7,45441E-03 | 1364 | 0,00317 |
| WASP-109b | 0,0463 | 6,926E+09 | 3,3190233 | 286763,61 | 2,39E+30 | 1,77496E+03 | 4,83041E-06 | 5,30862E-03 | 1099 | 0,00280 |
| WASP-110b | 0,0457 | 6,837E+09 | 3,7783977 | 326453,56 | 1,774E+30 | 1,31704E+03 | 3,63128E-06 | 3,50782E-03 | 966 | 0,00211 |
| WASP-113b | 0,05885 | 8,804E+09 | 4,5421687 | 392443,38 | 2,621E+30 | 1,94617E+03 | 4,16686E-06 | 3,34599E-03 | 803 | 0,00242 |
| WASP-119b | 0,0363 | 5,43E+09 | 2,49979 | 215981,86 | 2,031E+30 | 1,50793E+03 | 5,23418E-06 | 7,64191E-03 | 1460 | 0,00304 |
| WASP-121b | 0,0175 | 2,618E+09 | 1,2749255 | 110153,56 | 8,747E+29 | 6,49549E+02 | 4,67681E-06 | 1,33850E-02 | 2862 | 0,00272 |
| WASP-122b | 0,03107 | 4,648E+09 | 1,7100567 | 147748,9 | 2,721E+30 | 2,02055E+03 | 8,19416E-06 | 1,74863E-02 | 2134 | 0,00476 |
| WASP-123b | 0,0431 | 6,448E+09 | 2,977641 | 257268,18 | 2,395E+30 | 1,77891E+03 | 5,20059E-06 | 6,37072E-03 | 1225 | 0,00302 |
| WASP-124b | 0,0449 | 6,717E+09 | 3,37265 | 291396,96 | 2,111E+30 | 1,56770E+03 | 4,39939E-06 | 4,76015E-03 | 1082 | 0,00256 |
| WASP-126b | 0,0449 | 6,717E+09 | 3,2888 | 284152,32 | 2,22E+30 | 1,64866E+03 | 4,62659E-06 | 5,13088E-03 | 1109 | 0,00269 |
| WASP-127b | 0,052 | 7,779E+09 | 4,178062 | 360984,56 | 2,137E+30 | 1,58682E+03 | 3,84503E-06 | 3,35671E-03 | 873 | 0,00223 |

**Tab.3 - Reletivistická korekce u
exoplanet**

list 5/10

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|--------------------|
| WASP-129b | 0,0628 | 9,395E+09 | 5,748145 | 496639,73 | 1,989E+30 | 1,47669E+03 | 2,96283E-06 | 1,87843E-03 | 634 | 0,00172 |
| WASP-13b | 0,0527 | 7,884E+09 | 4,35298 | 376097,47 | 2,049E+30 | 1,52169E+03 | 3,63823E-06 | 3,04884E-03 | 838 | 0,00211 |
| WASP-130b | 0,1012 | 1,514E+10 | 11,55098 | 998004,67 | 2,061E+30 | 1,53028E+03 | 1,90531E-06 | 6,00173E-04 | 315 | 0,00110 |
| WASP-131b | 0,0607 | 9,081E+09 | 5,322023 | 459822,79 | 2,095E+30 | 1,55553E+03 | 3,22899E-06 | 2,21186E-03 | 685 | 0,00187 |
| WASP-132b | 0,067 | 1,002E+10 | 7,133521 | 616336,21 | 1,568E+30 | 1,16435E+03 | 2,18970E-06 | 1,11894E-03 | 511 | 0,00127 |
| WASP-132b | 0,0345 | 5,161E+09 | 2,176423 | 188042,95 | 2,3E+30 | 1,70780E+03 | 6,23727E-06 | 1,04599E-02 | 1677 | 0,00362 |
| WASP-136b | 0,0661 | 9,888E+09 | 5,215357 | 450606,84 | 2,817E+30 | 2,09172E+03 | 3,98729E-06 | 2,78711E-03 | 699 | 0,00231 |
| WASP-138b | 0,0494 | 7,39E+09 | 3,634433 | 314015,01 | 2,421E+30 | 1,79794E+03 | 4,58589E-06 | 4,60423E-03 | 1004 | 0,00266 |
| WASP-139b | 0,062 | 9,275E+09 | 5,924262 | 511856,24 | 1,801E+30 | 1,33775E+03 | 2,71868E-06 | 1,67471E-03 | 616 | 0,00158 |
| WASP-14b | 0,037 | 5,535E+09 | 2,243765 | 193861,3 | 2,669E+30 | 1,98206E+03 | 6,74981E-06 | 1,09752E-02 | 1626 | 0,00392 |
| WASP-140b | 0,0323 | 4,832E+09 | 2,2359835 | 193188,97 | 1,788E+30 | 1,32781E+03 | 5,17977E-06 | 8,45339E-03 | 1632 | 0,00301 |
| WASP-141b | 0,0469 | 7,016E+09 | 3,310651 | 286040,25 | 2,497E+30 | 1,85421E+03 | 4,98152E-06 | 5,48963E-03 | 1102 | 0,00289 |
| WASP-142b | 0,0347 | 5,191E+09 | 2,052868 | 177367,8 | 2,63E+30 | 1,95314E+03 | 7,09218E-06 | 1,26099E-02 | 1778 | 0,00412 |
| WASP-143b | 0,049 | 7,33E+09 | 3,778873 | 326494,63 | 2,186E+30 | 1,62305E+03 | 4,17360E-06 | 4,02752E-03 | 965 | 0,00242 |
| WASP-146b | 0,0451 | 6,747E+09 | 3,396944 | 293495,96 | 2,109E+30 | 1,56610E+03 | 4,37541E-06 | 4,69919E-03 | 1074 | 0,00254 |
| WASP-15b | 0,0499 | 7,465E+09 | 3,7520656 | 324178,47 | 2,341E+30 | 1,73871E+03 | 4,39039E-06 | 4,26746E-03 | 972 | 0,00255 |
| WASP-151b | 0,055 | 8,228E+09 | 4,533471 | 391691,89 | 2,147E+30 | 1,59475E+03 | 3,65348E-06 | 2,94105E-03 | 805 | 0,00212 |
| WASP-153b | 0,048 | 7,181E+09 | 4,533471 | 391691,89 | 1,427E+30 | 1,06006E+03 | 2,78268E-06 | 2,24006E-03 | 805 | 0,00162 |
| WASP-156b | 0,0453 | 6,777E+09 | 3,836169 | 331445 | 1,676E+30 | 1,24442E+03 | 3,46134E-06 | 3,29173E-03 | 951 | 0,00201 |
| WASP-157b | 0,0529 | 7,914E+09 | 3,9516205 | 341420,01 | 2,515E+30 | 1,86760E+03 | 4,44840E-06 | 4,10587E-03 | 923 | 0,00258 |
| WASP-16b | 0,0421 | 6,298E+09 | 3,1186009 | 269447,12 | 2,035E+30 | 1,51145E+03 | 4,52363E-06 | 5,29265E-03 | 1170 | 0,00263 |
| WASP-163b | 0,0266 | 3,979E+09 | 1,6096884 | 139077,08 | 1,927E+30 | 1,43096E+03 | 6,77833E-06 | 1,53665E-02 | 2267 | 0,00394 |
| WASP-167b | 0,0365 | 5,46E+09 | 2,0219591 | 174697,27 | 3,155E+30 | 2,34315E+03 | 8,08879E-06 | 1,46003E-02 | 1805 | 0,00470 |
| WASP-17b | 0,0494 | 7,39E+09 | 3,735433 | 322741,41 | 2,292E+30 | 1,70203E+03 | 4,34125E-06 | 4,24140E-03 | 977 | 0,00252 |
| WASP-170b | 0,0337 | 5,041E+09 | 2,3447802 | 202589,01 | 1,847E+30 | 1,37136E+03 | 5,12741E-06 | 7,97825E-03 | 1556 | 0,00298 |
| WASP-18b | 0,02026 | 3,031E+09 | 0,941453 | 81341,538 | 2,489E+30 | 1,84837E+03 | 1,14954E-05 | 4,45562E-02 | 3876 | 0,00668 |
| WASP-19b | 0,0164 | 2,453E+09 | 0,7888399 | 68155,767 | 1,88E+30 | 1,39644E+03 | 1,07288E-05 | 4,96423E-02 | 4627 | 0,00623 |
| WASP-2b | 0,03188 | 4,769E+09 | 2,1522214 | 185951,93 | 1,856E+30 | 1,37800E+03 | 5,44635E-06 | 9,23156E-03 | 1695 | 0,00316 |
| WASP-20b | 0,06003 | 8,98E+09 | 4,8996285 | 423327,9 | 2,39E+30 | 1,77519E+03 | 3,72609E-06 | 2,77221E-03 | 744 | 0,00216 |

Tab.3 - Reletivistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| WASP-21b | 0,052 | 7,779E+09 | 4,322541 | 373467,54 | 1,996E+30 | 1,48251E+03 | 3,59229E-06 | 3,03189E-03 | 844 | 0,00209 |
| WASP-22b | 0,0468 | 7,001E+09 | 3,53269 | 305224,42 | 2,179E+30 | 1,61806E+03 | 4,35636E-06 | 4,50012E-03 | 1033 | 0,00253 |
| WASP-23b | 0,0376 | 5,625E+09 | 2,9444256 | 254398,37 | 1,627E+30 | 1,20790E+03 | 4,04778E-06 | 5,01520E-03 | 1239 | 0,00235 |
| WASP-24b | 0,03593 | 5,375E+09 | 2,3412083 | 202280,4 | 2,245E+30 | 1,66709E+03 | 5,84625E-06 | 9,11430E-03 | 1559 | 0,00340 |
| WASP-25b | 0,0474 | 7,091E+09 | 3,7648349 | 325281,74 | 1,993E+30 | 1,48017E+03 | 3,93466E-06 | 3,81269E-03 | 969 | 0,00228 |
| WASP-26b | 0,04 | 5,984E+09 | 2,7566 | 238170,24 | 2,234E+30 | 1,65920E+03 | 5,22655E-06 | 6,91995E-03 | 1324 | 0,00304 |
| WASP-28b | 0,04469 | 6,686E+09 | 3,40883 | 294522,91 | 2,038E+30 | 1,51317E+03 | 4,26631E-06 | 4,56496E-03 | 1070 | 0,00248 |
| WASP-29b | 0,0456 | 6,822E+09 | 3,922732 | 338924,04 | 1,635E+30 | 1,21390E+03 | 3,35425E-06 | 3,11945E-03 | 930 | 0,00195 |
| WASP-3b | 0,0317 | 4,742E+09 | 1,846835 | 159566,54 | 2,478E+30 | 1,83988E+03 | 7,31316E-06 | 1,44508E-02 | 1976 | 0,00425 |
| WASP-31b | 0,04657 | 6,967E+09 | 3,405909 | 294270,54 | 2,31E+30 | 1,71522E+03 | 4,64076E-06 | 4,97025E-03 | 1071 | 0,00269 |
| WASP-32b | 0,0394 | 5,894E+09 | 2,718659 | 234892,14 | 2,195E+30 | 1,63022E+03 | 5,21346E-06 | 6,99646E-03 | 1342 | 0,00303 |
| WASP-33b | 0,02555 | 3,822E+09 | 1,2198669 | 105396,5 | 2,973E+30 | 2,20808E+03 | 1,08893E-05 | 3,25808E-02 | 2992 | 0,00633 |
| WASP-34b | 0,0524 | 7,839E+09 | 4,3176782 | 373047,4 | 2,047E+30 | 1,52041E+03 | 3,65599E-06 | 3,08931E-03 | 845 | 0,00212 |
| WASP-35b | 0,04317 | 6,458E+09 | 3,161575 | 273160,08 | 2,135E+30 | 1,58565E+03 | 4,62807E-06 | 5,34079E-03 | 1154 | 0,00269 |
| WASP-36b | 0,02624 | 3,925E+09 | 1,5373653 | 132828,36 | 2,028E+30 | 1,50593E+03 | 7,23130E-06 | 1,71671E-02 | 2374 | 0,00420 |
| WASP-37b | 0,04339 | 6,491E+09 | 3,577471 | 309093,49 | 1,693E+30 | 1,25743E+03 | 3,65149E-06 | 3,72452E-03 | 1020 | 0,00212 |
| WASP-38b | 0,07551 | 1,13E+10 | 6,871815 | 593724,82 | 2,419E+30 | 1,79613E+03 | 2,99715E-06 | 1,59149E-03 | 531 | 0,00174 |
| WASP-39b | 0,0486 | 7,27E+09 | 4,055259 | 350374,38 | 1,852E+30 | 1,37511E+03 | 3,56515E-06 | 3,20864E-03 | 900 | 0,00207 |
| WASP-4b | 0,0234 | 3,501E+09 | 1,3382321 | 115623,26 | 1,898E+30 | 1,40946E+03 | 7,58947E-06 | 2,06965E-02 | 2727 | 0,00441 |
| WASP-41b | 0,0403 | 6,029E+09 | 3,052394 | 263726,84 | 1,864E+30 | 1,38389E+03 | 4,32685E-06 | 5,17058E-03 | 1195 | 0,00251 |
| WASP-42b | 0,0547 | 8,183E+09 | 4,9816877 | 430417,82 | 1,749E+30 | 1,29920E+03 | 2,99271E-06 | 2,19066E-03 | 732 | 0,00174 |
| WASP-43b | 0,0142 | 2,124E+09 | 0,813475 | 70284,24 | 1,148E+30 | 8,52401E+02 | 7,56364E-06 | 3,39305E-02 | 4486 | 0,00439 |
| WASP-44b | 0,03473 | 5,196E+09 | 2,4238039 | 209416,66 | 1,892E+30 | 1,40471E+03 | 5,09633E-06 | 7,66997E-03 | 1505 | 0,00296 |
| WASP-45b | 0,04054 | 6,065E+09 | 3,1260876 | 270093,97 | 1,809E+30 | 1,34312E+03 | 4,17453E-06 | 4,87168E-03 | 1167 | 0,00242 |
| WASP-46b | 0,02448 | 3,662E+09 | 1,43037 | 123583,97 | 1,902E+30 | 1,41255E+03 | 7,27058E-06 | 1,85472E-02 | 2551 | 0,00422 |
| WASP-48b | 0,03444 | 5,152E+09 | 2,143634 | 185209,98 | 2,358E+30 | 1,75128E+03 | 6,40719E-06 | 1,09050E-02 | 1702 | 0,00372 |
| WASP-49b | 0,0379 | 5,67E+09 | 2,7817387 | 240342,22 | 1,866E+30 | 1,38596E+03 | 4,60775E-06 | 6,04536E-03 | 1312 | 0,00268 |
| WASP-5b | 0,02729 | 4,083E+09 | 1,6284279 | 140696,17 | 2,033E+30 | 1,50987E+03 | 6,97128E-06 | 1,56226E-02 | 2241 | 0,00405 |
| WASP-50b | 0,02945 | 4,406E+09 | 1,9550959 | 168920,29 | 1,773E+30 | 1,31640E+03 | 5,63219E-06 | 1,05097E-02 | 1866 | 0,00327 |

Tab.3 - Reletivistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| WASP-52b | 0,0272 | 4,069E+09 | 1,7497798 | 151180,97 | 1,744E+30 | 1,29481E+03 | 5,99810E-06 | 1,25060E-02 | 2085 | 0,00348 |
| WASP-54b | 0,0497 | 7,435E+09 | 3,693649 | 319131,27 | 2,387E+30 | 1,77266E+03 | 4,49412E-06 | 4,44019E-03 | 988 | 0,00261 |
| WASP-55b | 0,0533 | 7,974E+09 | 4,465633 | 385830,69 | 2,014E+30 | 1,49583E+03 | 3,53615E-06 | 2,88904E-03 | 817 | 0,00205 |
| WASP-56b | 0,05458 | 8,165E+09 | 4,617101 | 398917,53 | 2,023E+30 | 1,50255E+03 | 3,46873E-06 | 2,74030E-03 | 790 | 0,00201 |
| WASP-57b | 0,03769 | 5,638E+09 | 2,8389186 | 245282,56 | 1,762E+30 | 1,30870E+03 | 4,37511E-06 | 5,62202E-03 | 1285 | 0,00254 |
| WASP-58b | 0,0561 | 8,392E+09 | 5,01717 | 433483,49 | 1,861E+30 | 1,38178E+03 | 3,10349E-06 | 2,25624E-03 | 727 | 0,00180 |
| WASP-59b | 0,0617 | 9,23E+09 | 7,919585 | 684252,14 | 9,935E+29 | 7,37764E+02 | 1,50664E-06 | 6,93052E-04 | 460 | 0,00087 |
| WASP-6b | 0,0421 | 6,298E+09 | 3,361006 | 290390,92 | 1,752E+30 | 1,30129E+03 | 3,89465E-06 | 4,22570E-03 | 1085 | 0,00226 |
| WASP-60b | 0,0531 | 7,944E+09 | 4,3050011 | 371952,1 | 2,143E+30 | 1,59149E+03 | 3,77646E-06 | 3,19866E-03 | 847 | 0,00219 |
| WASP-61b | 0,0514 | 7,689E+09 | 3,8559 | 333149,76 | 2,423E+30 | 1,79931E+03 | 4,41080E-06 | 4,17262E-03 | 946 | 0,00256 |
| WASP-62b | 0,0567 | 8,482E+09 | 4,411953 | 381192,74 | 2,484E+30 | 1,84482E+03 | 4,09965E-06 | 3,39041E-03 | 827 | 0,00238 |
| WASP-63b | 0,0574 | 8,587E+09 | 4,37809 | 378266,98 | 2,617E+30 | 1,94372E+03 | 4,26675E-06 | 3,55420E-03 | 833 | 0,00248 |
| WASP-64b | 0,02648 | 3,961E+09 | 1,5732918 | 135932,41 | 1,99E+30 | 1,47776E+03 | 7,03170E-06 | 1,63065E-02 | 2319 | 0,00408 |
| WASP-65b | 0,0334 | 4,997E+09 | 2,3114243 | 199707,06 | 1,85E+30 | 1,37387E+03 | 5,18294E-06 | 8,18387E-03 | 1579 | 0,00301 |
| WASP-66b | 0,0546 | 8,168E+09 | 4,086052 | 353034,89 | 2,586E+30 | 1,92060E+03 | 4,43221E-06 | 3,95796E-03 | 893 | 0,00257 |
| WASP-67b | 0,0517 | 7,734E+09 | 4,61442 | 398685,89 | 1,722E+30 | 1,27851E+03 | 3,11594E-06 | 2,46160E-03 | 790 | 0,00181 |
| WASP-69b | 0,04525 | 6,769E+09 | 3,8681382 | 334207,14 | 1,643E+30 | 1,21988E+03 | 3,39685E-06 | 3,20323E-03 | 943 | 0,00197 |
| WASP-7b | 0,0618 | 9,245E+09 | 4,95466 | 428082,62 | 2,551E+30 | 1,89411E+03 | 3,86182E-06 | 2,84230E-03 | 736 | 0,00224 |
| WASP-71b | 0,04631 | 6,928E+09 | 2,9036747 | 250877,49 | 3,125E+30 | 2,32057E+03 | 6,31388E-06 | 7,93655E-03 | 1257 | 0,00367 |
| WASP-72b | 0,03708 | 5,547E+09 | 2,2167421 | 191526,52 | 2,752E+30 | 2,04388E+03 | 6,94531E-06 | 1,14320E-02 | 1646 | 0,00403 |
| WASP-74b | 0,037 | 5,535E+09 | 2,13775 | 184701,6 | 2,94E+30 | 2,18353E+03 | 7,43588E-06 | 1,26930E-02 | 1707 | 0,00432 |
| WASP-75b | 0,0375 | 5,61E+09 | 2,484193 | 214634,28 | 2,267E+30 | 1,68341E+03 | 5,65633E-06 | 8,30915E-03 | 1469 | 0,00329 |
| WASP-76b | 0,033 | 4,937E+09 | 1,809886 | 156374,15 | 2,91E+30 | 2,16126E+03 | 8,25217E-06 | 1,66364E-02 | 2016 | 0,00479 |
| WASP-77b | 0,0036 | 538552335 | 1,3600309 | 117506,67 | 6,691E+27 | 4,96909E+00 | 1,73920E-07 | 4,66628E-04 | 2683 | 0,00010 |
| WASP-78b | 0,0362 | 5,415E+09 | 2,1751763 | 187935,23 | 2,66E+30 | 1,97517E+03 | 6,87497E-06 | 1,15362E-02 | 1678 | 0,00399 |
| WASP-79b | 0,0539 | 8,063E+09 | 3,6623817 | 316429,78 | 3,097E+30 | 2,29989E+03 | 5,37642E-06 | 5,35491E-03 | 996 | 0,00312 |
| WASP-8b | 0,0802 | 1,2E+10 | 8,158716 | 704913,06 | 2,056E+30 | 1,52667E+03 | 2,39855E-06 | 1,07215E-03 | 447 | 0,00139 |
| WASP-80b | 0,0346 | 5,176E+09 | 3,0678504 | 265062,27 | 1,168E+30 | 8,67016E+02 | 3,15738E-06 | 3,75412E-03 | 1189 | 0,00183 |
| WASP-82b | 0,0447 | 6,687E+09 | 2,7057 | 233772,48 | 3,236E+30 | 2,40342E+03 | 6,77483E-06 | 9,13925E-03 | 1349 | 0,00394 |

Tab.3 - Reletivistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|--------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|--------------------|
| WASP-83b | 0,059 | 8,826E+09 | 4,971252 | 429516,17 | 2,205E+30 | 1,63716E+03 | 3,49635E-06 | 2,56632E-03 | 734 | 0,00203 |
| WASP-84b | 0,0771 | 1,153E+10 | 8,5234865 | 736429,23 | 1,674E+30 | 1,24278E+03 | 2,03103E-06 | 8,69282E-04 | 428 | 0,00118 |
| WASP-85Ab | 0,0382 | 5,715E+09 | 2,6556734 | 229450,18 | 2,097E+30 | 1,55707E+03 | 5,13594E-06 | 7,05679E-03 | 1374 | 0,00298 |
| WASP-86b | 0,0612 | 9,155E+09 | 5,031555 | 434726,35 | 2,402E+30 | 1,78368E+03 | 3,67233E-06 | 2,66244E-03 | 725 | 0,00213 |
| WASP-87b | 0,02946 | 4,407E+09 | 1,68795 | 145838,88 | 2,381E+30 | 1,76785E+03 | 7,56117E-06 | 1,63473E-02 | 2162 | 0,00439 |
| WASP-88b | 0,06431 | 9,621E+09 | 4,954 | 428025,6 | 2,875E+30 | 2,13496E+03 | 4,18300E-06 | 3,07869E-03 | 736 | 0,00243 |
| WASP-89b | 0,0427 | 6,388E+09 | 3,3564227 | 289994,92 | 1,833E+30 | 1,36144E+03 | 4,01740E-06 | 4,36692E-03 | 1087 | 0,00233 |
| WASP-90b | 0,0562 | 8,407E+09 | 3,916243 | 338363,4 | 3,07E+30 | 2,28001E+03 | 5,11183E-06 | 4,76422E-03 | 932 | 0,00297 |
| WASP-92b | 0,0348 | 5,206E+09 | 2,1746742 | 187891,85 | 2,364E+30 | 1,75556E+03 | 6,35642E-06 | 1,06661E-02 | 1678 | 0,00369 |
| WASP-93b | 0,04211 | 6,3E+09 | 2,7325321 | 236090,77 | 2,653E+30 | 1,97012E+03 | 5,89499E-06 | 7,86981E-03 | 1335 | 0,00342 |
| WASP-95b | 0,03416 | 5,11E+09 | 2,184673 | 188755,75 | 2,216E+30 | 1,64531E+03 | 6,06884E-06 | 1,01350E-02 | 1670 | 0,00352 |
| WASP-96b | 0,0456 | 6,822E+09 | 3,4252602 | 295942,48 | 2,144E+30 | 1,59212E+03 | 4,39932E-06 | 4,68527E-03 | 1065 | 0,00255 |
| WASP-97b | 0,03303 | 4,941E+09 | 2,07276 | 179086,46 | 2,225E+30 | 1,65232E+03 | 6,30321E-06 | 1,10937E-02 | 1760 | 0,00366 |
| WASP-98b | 0,036 | 5,386E+09 | 2,96246 | 255956,54 | 1,41E+30 | 1,04730E+03 | 3,66558E-06 | 4,51600E-03 | 1232 | 0,00213 |
| XO-1b | 0,0488 | 7,3E+09 | 3,9415128 | 340546,71 | 1,984E+30 | 1,47367E+03 | 3,80502E-06 | 3,52345E-03 | 926 | 0,00221 |
| XO-2b | 0,0368 | 5,505E+09 | 2,6158618 | 226010,46 | 1,932E+30 | 1,43477E+03 | 4,91257E-06 | 6,85304E-03 | 1395 | 0,00285 |
| XO-3b | 0,0454 | 6,792E+09 | 3,1915289 | 275748,1 | 2,437E+30 | 1,80983E+03 | 5,02293E-06 | 5,74121E-03 | 1143 | 0,00292 |
| XO-4b | 0,0555 | 8,303E+09 | 4,12508 | 356406,91 | 2,665E+30 | 1,97916E+03 | 4,49329E-06 | 3,97206E-03 | 884 | 0,00261 |
| XO-5b | 0,0587 | 8,781E+09 | 4,1877537 | 361821,92 | 3,06E+30 | 2,27206E+03 | 4,87704E-06 | 4,24791E-03 | 871 | 0,00283 |
| XO-6b | 0,0815 | 1,219E+10 | 3,7650007 | 325296,06 | 1,013E+31 | 7,52332E+03 | 1,16313E-05 | 1,12707E-02 | 969 | 0,00675 |
| Maskara-1b | 0,043 | 6,433E+09 | 2,14878 | 185654,59 | 4,568E+30 | 3,39226E+03 | 9,94022E-06 | 1,68785E-02 | 1698 | 0,00577 |
| Maskara-2b | 0,057 | 8,527E+09 | 3,474119 | 300163,88 | 4,07E+30 | 3,02275E+03 | 6,68195E-06 | 7,01605E-03 | 1050 | 0,00388 |
| OGLE-TR-113b | 0,0229 | 3,426E+09 | 1,4324757 | 123765,9 | 1,553E+30 | 1,15292E+03 | 6,34365E-06 | 1,61636E-02 | 2548 | 0,00369 |
| OGLR-TR-L9b | 0,0418 | 6,253E+09 | 2,4855342 | 214750,15 | 3,136E+30 | 2,32893E+03 | 7,02030E-06 | 1,03058E-02 | 1468 | 0,00408 |
| KELT-1b | 0,02466 | 3,689E+09 | 1,217514 | 105193,21 | 2,684E+30 | 1,99296E+03 | 1,01831E-05 | 3,05188E-02 | 2997 | 0,00591 |
| KELT-3b | 0,04127 | 6,174E+09 | 2,70348 | 233580,67 | 2,551E+30 | 1,89463E+03 | 5,78449E-06 | 7,80907E-03 | 1350 | 0,00336 |
| KELT-4Ab | 0,04321 | 6,464E+09 | 2,9895936 | 258300,89 | 2,395E+30 | 1,77826E+03 | 5,18546E-06 | 6,32626E-03 | 1220 | 0,00301 |
| KELT-7b | 0,04415 | 6,605E+09 | 2,7347785 | 236284,86 | 3,052E+30 | 2,26681E+03 | 6,46934E-06 | 8,63010E-03 | 1334 | 0,00376 |
| KELT-8b | 0,04571 | 6,838E+09 | 3,24406 | 280286,78 | 2,407E+30 | 1,78782E+03 | 4,92819E-06 | 5,54421E-03 | 1125 | 0,00286 |
| KELT-9b | 0,03462 | 5,179E+09 | 1,4811235 | 127969,07 | 5,018E+30 | 3,72620E+03 | 1,35617E-05 | 3,34160E-02 | 2464 | 0,00788 |

Tab.3 - Reletivistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| HATS-1b | 0,0444 | 6,642E+09 | 3,446459 | 297774,06 | 1,955E+30 | 1,45168E+03 | 4,11967E-06 | 4,36273E-03 | 1059 | 0,00239 |
| HATS-18b | 0,02761 | 4,13E+09 | 0,8378434 | 72389,67 | 7,954E+30 | 5,90664E+03 | 2,69557E-05 | 1,17419E-01 | 4356 | 0,01566 |
| HATS-21b | 0,04676 | 6,995E+09 | 3,5543973 | 307099,93 | 2,147E+30 | 1,59426E+03 | 4,29596E-06 | 4,40765E-03 | 1026 | 0,00249 |
| HATS-22b | 0,05025 | 7,517E+09 | 4,7228124 | 408050,99 | 1,509E+30 | 1,12066E+03 | 2,81005E-06 | 2,16936E-03 | 772 | 0,00163 |
| HATS-23b | 0,03397 | 5,082E+09 | 2,1605156 | 186668,55 | 2,228E+30 | 1,65439E+03 | 6,13648E-06 | 1,03645E-02 | 1689 | 0,00356 |
| HATS-24b | 0,02547 | 3,81E+09 | 1,3484954 | 116510 | 2,41E+30 | 1,79001E+03 | 8,85527E-06 | 2,39624E-02 | 2706 | 0,00514 |
| HATS-26b | 0,04735 | 7,083E+09 | 3,3023881 | 285326,33 | 2,582E+30 | 1,91766E+03 | 5,10301E-06 | 5,63883E-03 | 1105 | 0,00296 |
| HATS-28b | 0,04131 | 6,18E+09 | 3,1810781 | 274845,15 | 1,848E+30 | 1,37241E+03 | 4,18605E-06 | 4,80140E-03 | 1147 | 0,00243 |
| HATS-29b | 0,05475 | 8,19E+09 | 4,6058749 | 397947,59 | 2,052E+30 | 1,52404E+03 | 3,50741E-06 | 2,77787E-03 | 792 | 0,00204 |
| HATS-30b | 0,04354 | 6,513E+09 | 3,1743516 | 274263,98 | 2,173E+30 | 1,61370E+03 | 4,66992E-06 | 5,36574E-03 | 1149 | 0,00271 |
| HATS-31b | 0,0478 | 7,151E+09 | 3,37796 | 291855,74 | 2,539E+30 | 1,88557E+03 | 4,97038E-06 | 5,36801E-03 | 1080 | 0,00289 |
| HATS-33b | 0,03727 | 5,576E+09 | 2,5495551 | 220281,56 | 2,113E+30 | 1,56898E+03 | 5,30436E-06 | 7,59054E-03 | 1431 | 0,00308 |
| HATS-34b | 0,043 | 6,433E+09 | 2,1061607 | 181972,28 | 4,755E+30 | 3,53093E+03 | 1,03466E-05 | 1,79306E-02 | 1733 | 0,00601 |
| HATS-35b | 0,03199 | 4,786E+09 | 1,8209993 | 157334,34 | 2,619E+30 | 1,94487E+03 | 7,66040E-06 | 1,53515E-02 | 2004 | 0,00445 |
| HATS-39b | 0,06007 | 8,986E+09 | 4,5776348 | 395507,65 | 2,744E+30 | 2,03778E+03 | 4,27441E-06 | 3,40670E-03 | 797 | 0,00248 |
| HATS-42b | 0,03689 | 5,519E+09 | 2,292102 | 198037,61 | 2,535E+30 | 1,88246E+03 | 6,42972E-06 | 1,02361E-02 | 1592 | 0,00373 |
| HATS-43b | 0,04944 | 7,396E+09 | 4,3888497 | 379196,61 | 1,664E+30 | 1,23595E+03 | 3,14991E-06 | 2,61758E-03 | 831 | 0,00183 |
| HATS-44b | 0,03649 | 5,459E+09 | 2,7439004 | 237072,99 | 1,712E+30 | 1,27131E+03 | 4,38989E-06 | 5,83856E-03 | 1330 | 0,00255 |
| HATS-45b | 0,05511 | 8,244E+09 | 4,1876244 | 361810,75 | 2,532E+30 | 1,88028E+03 | 4,29901E-06 | 3,74444E-03 | 871 | 0,00250 |
| HATS-5b | 0,0542 | 8,108E+09 | 4,763387 | 411556,64 | 1,862E+30 | 1,38240E+03 | 3,21373E-06 | 2,46172E-03 | 766 | 0,00187 |
| HATS-51b | 0,04639 | 6,94E+09 | 3,3488702 | 289342,39 | 2,361E+30 | 1,75365E+03 | 4,76316E-06 | 5,18708E-03 | 1089 | 0,00276 |
| HATS-52b | 0,02498 | 3,737E+09 | 1,3666544 | 118078,94 | 2,214E+30 | 1,64410E+03 | 8,29297E-06 | 2,21422E-02 | 2670 | 0,00482 |
| HATS-53b | 0,04753 | 7,11E+09 | 3,8567768 | 333225,52 | 1,915E+30 | 1,42207E+03 | 3,76990E-06 | 3,56632E-03 | 946 | 0,00219 |
| HATS-6b | 0,03623 | 5,42E+09 | 3,3252725 | 287303,54 | 1,141E+30 | 8,47262E+02 | 2,94663E-06 | 3,23245E-03 | 1097 | 0,00171 |
| HD149026b | 0,04313 | 6,452E+09 | 2,8758911 | 248476,99 | 2,573E+30 | 1,91100E+03 | 5,58286E-06 | 7,08465E-03 | 1269 | 0,00324 |
| HD17156b | 0,1623 | 2,428E+10 | 21,216398 | 1833096,8 | 2,52E+30 | 1,87102E+03 | 1,45257E-06 | 2,49842E-04 | 172 | 0,00084 |
| HD209458b | 0,04807 | 7,191E+09 | 3,5247486 | 304538,28 | 2,372E+30 | 1,76130E+03 | 4,61673E-06 | 4,77832E-03 | 1035 | 0,00268 |
| Kepler-10b | 0,01684 | 2,519E+09 | 0,837495 | 72359,568 | 1,806E+30 | 1,34131E+03 | 1,00360E-05 | 4,37371E-02 | 4358 | 0,00583 |
| Kepler12b | 0,0556 | 8,318E+09 | 4,4379637 | 383440,06 | 2,315E+30 | 1,71919E+03 | 3,89605E-06 | 3,20256E-03 | 822 | 0,00226 |

Tab.3 - Reletivistická korekce u exoplanet

| Exoplaneta | R(AU) | a(m) | P(d) | P(s) | M(kg) | Rg(m) | φ (rad) | $\Sigma\varphi$ (rad)/10r | E(10 roků) | korekce (d)/10r |
|--------------------|---------|-----------|-----------|-----------|-----------|-------------|-----------------|---------------------------|------------|-----------------|
| Kepler-15b | 0,05714 | 8,548E+09 | 4,942782 | 427056,36 | 2,026E+30 | 1,50434E+03 | 3,31727E-06 | 2,44814E-03 | 738 | 0,00193 |
| Kepler-16Ab | 0,7048 | 1,054E+11 | 228,776 | 19766246 | 1,775E+30 | 1,31778E+03 | 2,35588E-07 | 3,53382E-06 | 15 | 0,00013 |
| Kepler-16Bb | 0,7048 | 1,054E+11 | 228,776 | 19766246 | 1,775E+30 | 1,31778E+03 | 2,35588E-07 | 3,53382E-06 | 15 | 0,00013 |
| Kepler-18b | 0,1172 | 1,753E+10 | 14,85888 | 1283807,2 | 1,934E+30 | 1,43641E+03 | 1,54428E-06 | 3,78348E-04 | 245 | 0,00089 |
| Kepler-19b | 0,086 | 1,287E+10 | 9,2869944 | 802396,32 | 1,956E+30 | 1,45282E+03 | 2,12858E-06 | 8,36531E-04 | 393 | 0,00124 |
| Kepler-20b | 0,093 | 1,391E+10 | 10,854092 | 937793,55 | 1,811E+30 | 1,34502E+03 | 1,82231E-06 | 6,12295E-04 | 336 | 0,00106 |
| Kepler-4b | 0,0456 | 6,822E+09 | 3,21346 | 277642,94 | 2,436E+30 | 1,80891E+03 | 4,99835E-06 | 5,67313E-03 | 1135 | 0,00290 |
| Kepler-5b | 0,05064 | 7,576E+09 | 3,54846 | 306586,94 | 2,736E+30 | 2,03174E+03 | 5,05534E-06 | 5,19689E-03 | 1028 | 0,00293 |
| Kepler-6b | 0,04567 | 6,832E+09 | 3,234723 | 279480,07 | 2,415E+30 | 1,79344E+03 | 4,94801E-06 | 5,58136E-03 | 1128 | 0,00287 |
| Kepler-7b | 0,06224 | 9,311E+09 | 4,885525 | 422109,36 | 2,68E+30 | 1,99000E+03 | 4,02865E-06 | 3,00940E-03 | 747 | 0,00234 |
| Kepler-8b | 0,0483 | 7,226E+09 | 3,522265 | 304323,7 | 2,409E+30 | 1,78922E+03 | 4,66759E-06 | 4,83563E-03 | 1036 | 0,00271 |
| Kepler-9b | 0,0273 | 4,084E+09 | 1,592851 | 137622,33 | 2,127E+30 | 1,57981E+03 | 7,29152E-06 | 1,67049E-02 | 2291 | 0,00423 |
| KOI0196b | 0,029 | 4,338E+09 | 1,855558 | 160320,21 | 1,879E+30 | 1,39544E+03 | 6,06303E-06 | 1,19260E-02 | 1967 | 0,00352 |
| KPS-1b | 0,0269 | 4,024E+09 | 1,706291 | 147423,54 | 1,774E+30 | 1,31710E+03 | 6,16937E-06 | 1,31963E-02 | 2139 | 0,00358 |

Vysvětlivky:

R(AU) ... vzdálenost objektu od epicentra v a.j.

a(m) ... vzdálenost objektu od epicentra v metrech

P(d) ... perioda oběhu ve dnech

P(s) ... perioda oběhu v sec.

M(kg) ... celková hmotnost objektů v kg

Rg(m) ... gravitační poloměr určený celkovou hmotností v metrech

φ (rad) ... stočení přímky apsid v radiánech

$\Sigma\varphi$ (rad)/10r ... celkové stočení přímky apsid za dobu 10 roků

E/10r ... počet oběhů za 10 roků

korekce(d)/10r ... zlomek dne o který nastane dříve průchod obíhajícího tělesa spojnicí pozorovatel-střed hvězdy za dobu 10 roků