Stationary points for helium effective potential, $\lambda = 1/2$, with increased mass of the first electron

$\frac{1}{m_1}$	r_1	r_2	r_3	ω_1	ω_2	ω_3	V_0
1.00	0.12315 - 0.35368*I	0.18625 - 0.00096*I	0.15123 - 0.24014*I	14.67 - 4.19*I	11.79 + 5.75*I	2.26 + 4.28*I	-2.65408 - 0.52922*I
0.95	0.12259 - 0.36205*I	0.18909 - 0.00378*I	0.14907 - 0.24994*I	14.50 - 3.60*I	11.33 + 5.87*I	1.91 + 4.11*I	-2.62271 - 0.55404*I
0.90	0.12128 - 0.37056*I	0.19176 - 0.00666*I	0.14597 - 0.25972*I	14.35 - 3.05*I	10.89 + 5.97*I	1.594 + 3.953*I	-2.59209 - 0.57766*I
0.85	0.11923 - 0.37908*I	0.19427 - 0.00955*I	0.14198 - 0.26934*I	14.21 - 2.53*I	10.46 + 6.06*I	1.303 + 3.805*I	-2.56211 - 0.60007*I
0.80	0.11647 - 0.38746*I	0.19666 - 0.01242*I	0.13717 - 0.27865*I	14.08 - 2.04*I	10.04 + 6.13*I	1.039 + 3.662*I	-2.53264 - 0.62125*I
0.75	0.11307 - 0.39561*I	0.19894 - 0.01525*I	0.13163 - 0.28757*I	13.96 - 1.59*I	9.63 + 6.19*I	0.801 + 3.522*I	-2.50359 - 0.64122*I
0.70	0.10911 - 0.40346*I	0.20114 - 0.01803*I	0.12547 - 0.29604*I	13.83 - 1.16*I	9.23 + 6.23*I	0.588 + 3.383*I	-2.47487 - 0.66001*I
0.65	0.10466 - 0.41095*I	0.20329 - 0.02076*I	0.11877 - 0.30400*I	13.70 - 0.76*I	8.83 + 6.26*I	0.396 + 3.242*I	-2.44639 - 0.67765*I
0.60	0.09979 - 0.41805*I	0.20541 - 0.02342*I	0.11162 - 0.31145*I	13.57 - 0.38*I	8.45 + 6.27*I	0.226 + 3.099*I	-2.41811 - 0.69417*I
0.55	0.09459 - 0.42475*I	0.20752 - 0.02602*I	0.10410 - 0.31839*I	13.44 - 0.03*I	8.07 + 6.27*I	0.076 + 2.952*I	-2.38997 - 0.70962*I
0.50	0.08911 - 0.43102*I	0.20963 - 0.02857*I	0.09627 - 0.32480*I	13.30 + 0.31*I	7.70 + 6.26*I	-0.056 + 2.801*I	-2.36193 - 0.72402*I
0.45	0.08341 - 0.43688*I	0.21177 - 0.03106*I	0.08819 - 0.33070*I	13.16 + 0.62*I	7.33 + 6.23*I	-0.170 + 2.645*I	-2.33395 - 0.73742*I
0.40	0.0775 - 0.4423*I	0.21394 - 0.03350*I	0.07992 - 0.33611*I	13.02 + 0.91*I	6.97 + 6.19*I	-0.265 + 2.483*I	-2.30602 - 0.74985*I
0.35	0.0715 - 0.4474*I	0.21616 - 0.03589*I	0.07149 - 0.34104*I	12.87 + 1.19*I	6.61 + 6.14*I	-0.343 + 2.314*I	-2.27810 - 0.76135*I
0.30	0.0655 - 0.4520*I	0.21844 - 0.03824*I	0.06294 - 0.34551*I	12.72 + 1.45*I	6.25 + 6.08*I	-0.402 + 2.135*I	-2.25018 - 0.77193*I
0.25	0.0593 - 0.4563*I	0.22080 - 0.04056*I	0.05431 - 0.34952*I	12.57 + 1.69*I	5.90 + 6.01*I	-0.441 + 1.944*I	-2.22224 - 0.78163*I
0.20	0.0532 - 0.4601*I	0.22323 - 0.04284*I	0.04563 - 0.35311*I	12.41 + 1.92*I	5.55 + 5.93*I	-0.459 + 1.736*I	-2.19428 - 0.79048*I
0.15	0.0471 - 0.4637*I	0.22576 - 0.04510*I	0.03692 - 0.35627*I	12.25 + 2.13*I	5.19 + 5.84*I	-0.450 + 1.503*I	-2.16627 - 0.79849*I
0.10	0.0411 - 0.4669*I	0.22839 - 0.04733*I	0.02821 - 0.35904*I	12.09 + 2.34*I	4.84 + 5.74*I	-0.409 + 1.229*I	-2.13822 - 0.80569*I
0.05	0.0351 - 0.4697*I	0.23114 - 0.04954*I	0.01953 - 0.36143*I	11.92 + 2.53*I	4.48 + 5.63*I	-0.317 + 0.872*I	-2.11011 - 0.81210*I
0	0.0293 - 0.4723*I	0.23401 - 0.05173*I	0.01089 - 0.36345*I	11.75 + 2.71*I	4.11 + 5.52*I	0	-2.08195 - 0.81775*I