

ภาคผนวก ง

ค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis ตั้งแต่อดีตจนถึงปัจจุบัน

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2431162.25800	2431162.25645	-15212.0	-0.00155	0.00376	Zessewitch (1948)
2433005.62500	2433005.59073	-8723.5	-0.03427	-0.02896	Koch 1956AJ.....61...47
2433009.61700	2433009.59729	-8709.5	-0.01971	-0.01440	Ashbrook (1952)
2433011.59310	2433011.56078	-8702.5	-0.03232	-0.02701	Koch 1956AJ.....61...47
2434422.59800	2434422.57501	-3736.0	-0.02299	-0.01768	Ashbrook (1953)
2434432.23443	2434432.18839	-3702.0	-0.04604	-0.04073	1953AJ.....58..171A
2435195.66280	2435195.66144	-1015.0	-0.00136	0.00395	Koch 1956AJ.....61...47
2435513.86520	2435513.87133	105.0	0.00613	0.01144	1960AJ.....65..374K
2435517.84300	2435517.84949	119.0	0.00649	0.01180	1960AJ.....65..374K
2435517.98480	2435517.99104	119.5	0.00624	0.01155	1960AJ.....65..374K
2435534.88920	2435534.89573	179.0	0.00653	0.01184	1960AJ.....65..374K
2435536.87820	2435536.88502	186.0	0.00682	0.01213	1960AJ.....65..374K
2435564.43640	2435564.44346	283.0	0.00706	0.01237	Hinderer 1960
2435571.39780	2435571.40575	307.5	0.00795	0.01326	Hinderer (1960);
2435574.66460	2435574.67217	319.0	0.00757	0.01288	1960AJ.....65..374K
2435576.37170	2435576.38176	325.0	0.01005	0.01537	Hinderer 1960
2435594.69410	2435594.70194	389.5	0.00784	0.01315	1960AJ.....65..374K
2436296.58120	2436296.60066	2860.0	0.01946	0.02477	1960AJ.....65..374K
2436297.57560	2436297.59510	2863.5	0.01950	0.02482	1960AJ.....65..374K
2439553.49200	2439553.47006	14324.0	-0.02194	-0.01663	BBSAG Bull....7
2439609.46600	2439609.44985	14521.0	-0.01615	-0.01084	BBSAG Bull....7
2441005.53510	2441005.50787	19435.0	-0.02723	-0.02192	Gehlich 1972
2441015.33550	2441015.30713	19469.5	-0.02837	-0.02306	Gehlich 1972
2441022.29810	2441022.27182	19494.0	-0.02628	-0.02097	Gehlich 1972

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2441022.43870	2441022.41096	19494.5	-0.02774	-0.02243	Gehlich 1972
2441062.35710	2441062.33135	19635.0	-0.02575	-0.02044	Gehlich 1972
2441067.47160	2441067.44650	19653.0	-0.02510	-0.01979	Gehlich 1972
2442051.61956	2442051.61102	23117.0	-0.00854	-0.00323	IBVS 0964
2442099.48960	2442099.47981	23285.5	-0.00979	-0.00448	IBVS 2181
2442460.45600	2442460.46025	24556.0	0.00425	0.00956	BBSAG Bull.21
2442528.49900	2442528.50368	24795.5	0.00468	0.00999	BBSAG Bull.58
2443193.73250	2443193.74444	27137.0	0.01194	0.01725	1981MNRAS.196..305H
2443193.87600	2443193.88939	27137.5	0.01339	0.01870	1981MNRAS.196..305H
2443198.70500	2443198.71765	27154.5	0.01265	0.01796	1981MNRAS.196..305H
2443198.84650	2443198.85860	27155.0	0.01210	0.01741	1981MNRAS.196..305H
2443212.33700	2443212.34472	27202.5	0.00772	0.01303	BBSAG Bull.33
2443220.30300	2443220.32185	27230.5	0.01885	0.02416	BBSAG Bull.33
2443567.75640	2443567.77117	28453.5	0.01477	0.02008	IBVS 2181
2443572.72880	2443572.74418	28471.0	0.01538	0.02069	IBVS 2181
2443606.39600	2443606.41242	28589.5	0.01642	0.02173	IBVS 1924
2443612.64620	2443612.66256	28611.5	0.01636	0.02167	IBVS 2181
2443948.74080	2443948.75838	29794.5	0.01758	0.02289	Hrivnak 1985
2443949.73670	2443949.75583	29798.0	0.01913	0.02444	Hrivnak 1985
2443952.71800	2443952.73535	29808.5	0.01735	0.02266	Hrivnak 1985
2443953.71440	2443953.73379	29812.0	0.01939	0.02470	Hrivnak 1985
2443959.67940	2443959.69763	29833.0	0.01823	0.02354	Hrivnak 1985
2443960.67280	2443960.69008	29836.5	0.01728	0.02259	Hrivnak 1985
2444239.80530	2444239.82427	30819.0	0.01897	0.02428	Hrivnak 1985
2444277.73100	2444277.74797	30952.5	0.01697	0.02228	Hrivnak 1985
2444304.28900	2444304.30038	31046.0	0.01138	0.01669	BBSAG Bull.47

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2445766.41000	2445766.40835	36192.5	-0.00165	0.00366	BAV-M 39
2445805.33500	2445805.33629	36329.5	0.00129	0.00660	BBSAG Bull.71
2445810.45000	2445810.45245	36347.5	0.00245	0.00776	IBVS 2793
2446079.91220	2446079.90553	37296.0	-0.00667	-0.00136	PASP 98,690
2446108.61000	2446108.60677	37397.0	-0.00323	0.00208	BAV-M 39
2446114.42800	2446114.41866	37417.5	-0.00934	-0.00403	BAV-M 39
2446114.57200	2446114.56461	37418.0	-0.00739	-0.00208	BAV-M 39
2446469.40800	2446469.39247	38667.0	-0.01553	-0.01022	IBVS 3078
2446506.33200	2446506.30713	38797.0	-0.02487	-0.01956	BBSAG Bull.79
2446529.35400	2446529.33882	38878.0	-0.01518	-0.00987	BBSAG Bull.80
2446552.37700	2446552.37251	38959.0	-0.00449	0.00082	BBSAG Bull.80
2446823.53900	2446823.52057	39913.5	-0.01843	-0.01311	BAV-M 46
2446827.51700	2446827.49914	39927.5	-0.01786	-0.01255	BAV-M 46
2446850.38400	2446850.36288	40008.0	-0.02112	-0.01581	BAV-M 46
2446850.52700	2446850.50683	40008.5	-0.02017	-0.01486	BAV-M 46
2446892.42500	2446892.39769	40156.0	-0.02731	-0.02200	BBSAG Bull.84
2446903.36000	2446903.32974	40194.5	-0.03026	-0.02495	BBSAG Bull.84
2447204.36400	2447204.33104	41254.0	-0.03296	-0.02765	BBSAG Bull.88
2447207.36100	2447207.34196	41264.5	-0.01904	-0.01373	BAV-M 56
2447207.49300	2447207.46391	41265.0	-0.02909	-0.02378	BAV-M 56
2447208.34100	2447208.30760	41268.0	-0.03340	-0.02809	BBSAG Bull.88
2447211.46600	2447211.43247	41279.0	-0.03353	-0.02822	BBSAG Bull.87
2447212.33300	2447212.31417	41282.0	-0.01883	-0.01352	BAV-M 56
2447213.48000	2447213.47176	41286.0	-0.00824	-0.00293	BBSAG Bull.88
2447230.36700	2447230.34165	41345.5	-0.02535	-0.02004	BBSAG Bull.88
2447256.37300	2447256.35826	41437.0	-0.01474	-0.00943	BBSAG Bull.88

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2447262.33700	2447262.32011	41458.0	-0.01689	-0.01158	BBSAG Bull.88
2447274.40700	2447274.38575	41500.5	-0.02125	-0.01594	BBSAG Bull.88
2447275.40070	2447275.37879	41504.0	-0.02191	-0.01660	IBVS 3355
2447586.49500	2447586.47504	42599.0	-0.01996	-0.01465	BBSAG Bull.91
2447609.36290	2447609.34058	42679.5	-0.02232	-0.01701	IBVS 3760
2447609.36380	2447609.34238	42679.5	-0.02142	-0.01611	BAV-M 52
2447612.34730	2447612.32631	42690.0	-0.02099	-0.01568	BAV-M 52
2447612.34760	2447612.32691	42690.0	-0.02069	-0.01538	BAV-M 52
2447612.49050	2447612.47065	42690.5	-0.01985	-0.01454	BAV-M 52
2447613.34100	2447613.31935	42693.5	-0.02165	-0.01634	BAV-M 52
2447613.34160	2447613.32055	42693.5	-0.02105	-0.01574	IBVS 3760
2447613.48370	2447613.46270	42694.0	-0.02100	-0.01569	BAV-M 52
2447613.48510	2447613.46550	42694.0	-0.01960	-0.01429	BAV-M 52
2447614.47850	2447614.45794	42697.5	-0.02056	-0.01525	BAV-M 52
2447614.47950	2447614.45994	42697.5	-0.01956	-0.01425	BAV-M 52
2447615.33600	2447615.32063	42700.5	-0.01537	-0.01006	BBSAG Bull.91
2447616.32380	2447616.30187	42704.0	-0.02193	-0.01662	BAV-M 52
2447616.46660	2447616.44542	42704.5	-0.02118	-0.01587	BAV-M 52
2447616.46790	2447616.44802	42704.5	-0.01988	-0.01457	BAV-M 52
2447616.60480	2447616.57977	42705.0	-0.02503	-0.01972	BAV-M 52
2447626.40920	2447626.38703	42739.5	-0.02217	-0.01686	IBVS 3760
2447648.42850	2447648.40768	42817.0	-0.02082	-0.01551	IBVS 3760
2447649.42000	2447649.39632	42820.5	-0.02368	-0.01837	BBSAG Bull.92
2447654.39800	2447654.38052	42838.0	-0.01748	-0.01217	BBSAG Bull.92
2447854.68780	2447854.66779	43543.0	-0.02001	-0.01470	BAV-M 56
2447864.91460	2447864.89369	43579.0	-0.02091	-0.01560	IBVS 3593

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2447868.60820	2447868.58756	43592.0	-0.02064	-0.01533	IBVS 3458
2447881.81870	2447881.79779	43638.5	-0.02091	-0.01560	IBVS 3593
2447891.62140	2447891.60165	43673.0	-0.01975	-0.01444	IBVS 3458
2447896.59330	2447896.57365	43690.5	-0.01965	-0.01434	IBVS 3458
2447897.58810	2447897.56890	43694.0	-0.01920	-0.01389	IBVS 3458
2447898.58110	2447898.56054	43697.5	-0.02056	-0.01525	IBVS 3458
2447899.43370	2447899.41343	43700.5	-0.02027	-0.01496	IBVS 3458
2447899.57630	2447899.55658	43701.0	-0.01972	-0.01441	IBVS 3458
2447928.41240	2447928.39236	43802.5	-0.02004	-0.01473	IBVS 3760
2447928.41500	2447928.39756	43802.5	-0.01744	-0.01213	BAV-M 56
2447928.55450	2447928.53451	43803.0	-0.01999	-0.01468	IBVS 3458
2447928.69630	2447928.67606	43803.5	-0.02024	-0.01493	IBVS 3458
2447943.33300	2447943.31818	43855.0	-0.01482	-0.00951	BAV-M 56
2447948.44250	2447948.42333	43873.0	-0.01917	-0.01386	IBVS 3458
2447954.41200	2447954.39618	43894.0	-0.01582	-0.01051	BBSAG Bull.94
2447966.34000	2447966.31987	43936.0	-0.02013	-0.01482	BAV-M 56
2447968.33000	2447968.31115	43943.0	-0.01885	-0.01354	IBVS 3458
2447968.33400	2447968.31915	43943.0	-0.01485	-0.00954	BBSAG Bull.94
2447968.47120	2447968.45150	43943.5	-0.01970	-0.01439	IBVS 3458
2447969.32150	2447969.29979	43946.5	-0.02171	-0.01640	IBVS 3458
2447969.32250	2447969.30179	43946.5	-0.02071	-0.01540	IBVS 4380
2447969.32500	2447969.30679	43946.5	-0.01821	-0.01290	BBSAG Bull.94
2447969.46330	2447969.44134	43947.0	-0.02196	-0.01665	IBVS 3458
2447969.46530	2447969.44534	43947.0	-0.01996	-0.01465	IBVS 3458
2447969.46550	2447969.44574	43947.0	-0.01976	-0.01445	IBVS 4380
2447970.31850	2447970.29943	43950.0	-0.01907	-0.01376	IBVS 4380

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2447970.45870	2447970.43778	43950.5	-0.02092	-0.01561	IBVS 4380
2448013.35400	2448013.32889	44101.5	-0.02511	-0.01980	BBSAG Bull.95
2448224.44700	2448224.42665	44844.5	-0.02035	-0.01504	IBVS 4128
2448224.44770	2448224.42805	44844.5	-0.01965	-0.01434	IBVS 4128
2448225.43930	2448225.41690	44848.0	-0.02240	-0.01709	IBVS 4128
2448225.43990	2448225.41810	44848.0	-0.02180	-0.01649	IBVS 4128
2448226.43480	2448226.41354	44851.5	-0.02126	-0.01595	IBVS 4128
2448328.43900	2448328.42910	45210.5	-0.00990	-0.00459	BAV-M 59
2448329.42500	2448329.40674	45214.0	-0.01826	-0.01295	BAV-M 59
2448348.31000	2448348.28392	45280.5	-0.02608	-0.02077	BBSAG Bull.97
2448349.45800	2448349.44351	45284.5	-0.01449	-0.00918	BAV-M 60
2448356.42200	2448356.41100	45309.0	-0.01100	-0.00569	BAV-M 60
2448385.40000	2448385.38853	45411.0	-0.01147	-0.00616	BBSAG Bull.98
2448689.39600	2448689.39075	46481.0	-0.00525	0.00006	BBSAG Bull.101
2448720.37200	2448720.37557	46590.0	0.00357	0.00888	BBSAG Bull.101
2448723.19660	2448723.18374	46600.0	-0.01286	-0.00755	ASS 259,285
2448723.19990	2448723.19034	46600.0	-0.00956	-0.00425	ASS 259,285
2448733.42720	2448733.41725	46636.0	-0.00995	-0.00464	BAV-M 60
2448760.42300	2448760.41910	46731.0	-0.00390	0.00141	BBSAG Bull.101
2448766.37400	2448766.35494	46752.0	-0.01906	-0.01375	BBSAG Bull.101
2449058.30400	2449058.29952	47779.5	-0.00448	0.00083	BBSAG Bull.103
2449063.42020	2449063.41808	47797.5	-0.00212	0.00319	IBVS 4380
2449069.38650	2449069.38452	47818.5	-0.00198	0.00333	IBVS 4380
2449076.34700	2449076.34501	47843.0	-0.00199	0.00332	BBSAG Bull.104
2449088.28050	2449088.27970	47885.0	-0.00080	0.00451	ASS 259,285
2449089.27340	2449089.27114	47888.5	-0.00226	0.00305	ASS 259,285

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2449101.34970	2449101.34938	47931.0	-0.00032	0.00499	IBVS 4380
2449116.40600	2449116.40454	47984.0	-0.00146	0.00385	BBSAG Bull.104
2449360.60000	2449360.60636	48843.5	0.00636	0.01167	IBVS 4380
2449400.37560	2449400.38319	48983.5	0.00759	0.01290	BAV-M 68
2449416.42900	2449416.43820	49040.0	0.00920	0.01451	BBSAG Bull.106
2449421.40100	2449421.41040	49057.5	0.00940	0.01471	BBSAG Bull.106
2449432.33730	2449432.34505	49096.0	0.00775	0.01306	IBVS 4380
2449432.33730	2449432.34505	49096.0	0.00775	0.01306	IBVS 4380
2449446.40220	2449446.41177	49145.5	0.00957	0.01488	IBVS 4380
2449447.10900	2449447.11512	49148.0	0.00612	0.01143	ASS 259,285
2449447.10990	2449447.11692	49148.0	0.00702	0.01233	ASS 259,285
2449447.25380	2449447.26266	49148.5	0.00886	0.01417	ASS 259,285
2449448.10260	2449448.10796	49151.5	0.00536	0.01067	ASS 259,285
2449448.10610	2449448.11496	49151.5	0.00886	0.01417	ASS 259,285
2449448.24690	2449448.25450	49152.0	0.00760	0.01291	ASS 259,285
2449448.24860	2449448.25790	49152.0	0.00930	0.01461	ASS 259,285
2449452.08530	2449452.09592	49165.5	0.01062	0.01593	ASS 259,285
2449452.22460	2449452.23247	49166.0	0.00787	0.01318	ASS 259,285
2449454.21230	2449454.21915	49173.0	0.00685	0.01216	ASS 259,285
2449454.21340	2449454.22135	49173.0	0.00795	0.01326	ASS 259,285
2449455.06520	2449455.07264	49176.0	0.00744	0.01275	ASS 259,285
2449455.07000	2449455.08224	49176.0	0.01224	0.01755	ASS 259,285
2449456.06040	2449456.06868	49179.5	0.00828	0.01359	ASS 259,285
2449456.06220	2449456.07228	49179.5	0.01008	0.01539	ASS 259,285
2449456.20000	2449456.20583	49180.0	0.00583	0.01114	ASS 259,285
2449456.20540	2449456.21663	49180.0	0.01123	0.01654	ASS 259,285

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2449756.36260	2449756.37664	50236.5	0.01404	0.01935	IBVS 4383
2449756.36490	2449756.38124	50236.5	0.01634	0.02165	IBVS 4383
2449778.52320	2449778.53783	50314.5	0.01463	0.01994	IBVS 4383
2449778.52370	2449778.53883	50314.5	0.01513	0.02044	IBVS 4383
2449779.23500	2449779.25118	50317.0	0.01618	0.02149	ASS 259,285
2449782.07040	2449782.08095	50327.0	0.01055	0.01586	ASS 259,285
2449782.07160	2449782.08335	50327.0	0.01175	0.01706	ASS 259,285
2449782.21480	2449782.22770	50327.5	0.01290	0.01821	ASS 259,285
2449782.21570	2449782.22950	50327.5	0.01380	0.01911	ASS 259,285
2449783.06640	2449783.07859	50330.5	0.01219	0.01750	ASS 259,285
2449783.07080	2449783.08739	50330.5	0.01659	0.02190	ASS 259,285
2449783.21020	2449783.22414	50331.0	0.01394	0.01925	ASS 259,285
2449783.21270	2449783.22914	50331.0	0.01644	0.02175	ASS 259,285
2449784.06520	2449784.08183	50334.0	0.01663	0.02194	ASS 259,285
2449784.20350	2449784.21638	50334.5	0.01288	0.01819	ASS 259,285
2449785.19770	2449785.21042	50338.0	0.01272	0.01803	ASS 259,285
2449828.38760	2449828.40663	50490.0	0.01903	0.02434	IBVS 4681
2450100.41990	2450100.44299	51447.5	0.02309	0.02840	IBVS 4534
2450114.48510	2450114.51031	51497.0	0.02521	0.03052	IBVS 4534
2450114.62550	2450114.64906	51497.5	0.02356	0.02887	IBVS 4534
2450137.63650	2450137.65875	51578.5	0.02225	0.02756	IBVS 4383
2450152.41140	2450152.43521	51630.5	0.02381	0.02912	IBVS 4534
2450152.55560	2450152.58156	51631.0	0.02596	0.03127	IBVS 4534
2450173.43050	2450173.44982	51704.5	0.01932	0.02463	IBVS 4472
2450180.39740	2450180.42310	51729.0	0.02570	0.03101	IBVS 4472
2450191.48700	2450191.52230	51768.0	0.03530	0.04061	OEJV 0060

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2450195.31140	2450195.33572	51781.5	0.02432	0.02963	IBVS 4681
2450196.30800	2450196.33456	51785.0	0.02656	0.03187	IBVS 4681
2450482.40310	2450482.43344	52792.0	0.03034	0.03565	IBVS 4534
2450482.54680	2450482.57879	52792.5	0.03199	0.03730	IBVS 4534
2450508.39820	2450508.42825	52883.5	0.03005	0.03536	IBVS 4681
2450513.36980	2450513.39966	52901.0	0.02986	0.03517	IBVS 4681
2450519.33750	2450519.36890	52922.0	0.03140	0.03671	BAV-M 102
2450519.48070	2450519.51325	52922.5	0.03255	0.03786	BAV-M 102
2450519.62120	2450519.65220	52923.0	0.03100	0.03631	BAV-M 102
2450539.36710	2450539.39887	52992.5	0.03177	0.03708	BAV-M 102
2450547.32290	2450547.35560	53020.5	0.03270	0.03801	IBVS 4681
2450862.39330	2450862.42661	54129.5	0.03331	0.03862	IBVS 4681
2450862.53590	2450862.56976	54130.0	0.03386	0.03917	IBVS 4681
2450916.37380	2450916.40812	54319.5	0.03432	0.03963	IBVS 4711
2451256.44560	2451256.48091	55516.5	0.03531	0.04062	IBVS 4912
2451257.43890	2451257.47315	55520.0	0.03425	0.03956	IBVS 4877
2451267.38300	2451267.41776	55555.0	0.03476	0.04007	IBVS 4912
2451550.48930	2451550.52212	56551.5	0.03282	0.03813	IBVS 4877
2451550.63140	2451550.66426	56552.0	0.03286	0.03817	IBVS 4877
2451884.58880	2451884.61646	57727.5	0.02766	0.03297	Yakut et al. (2003)
2451885.58310	2451885.61070	57731.0	0.02760	0.03291	Yakut et al. (2003)
2451903.48140	2451903.50884	57794.0	0.02744	0.03275	Yakut et al. (2003)
2451903.62360	2451903.65118	57794.5	0.02758	0.03289	Yakut et al. (2003)
2451930.47090	2451930.49809	57889.0	0.02719	0.03250	Yakut et al. (2003)
2451937.43200	2451937.45977	57913.5	0.02777	0.03309	IBVS 5296
2451937.57410	2451937.60192	57914.0	0.02782	0.03313	IBVS 5296

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2451968.25510	2451968.28084	58022.0	0.02574	0.03105	IBVS 5623
2452337.44440	2452337.46811	59321.5	0.02371	0.02902	Yakut et al. (2003)
2452337.58230	2452337.60186	59322.0	0.01956	0.02487	IBVS 5296
2452407.33550	2452407.36107	59567.5	0.02557	0.03088	Yakut et al. (2003)
2452721.39890	2452721.41245	60673.0	0.01355	0.01886	IBVS 5484
2452721.54080	2452721.55420	60673.5	0.01340	0.01871	IBVS 5484
2453040.43900	2453040.44543	61796.0	0.00643	0.01174	IBVS 5643
2453040.58200	2453040.58938	61796.5	0.00738	0.01269	IBVS 5643
2453079.50440	2453079.49792	61933.6	-0.00648	-0.00117	IBVS 5643
2453360.62038	2453360.62456	62923.0	0.00418	0.00949	OEJV 0074
2453380.50790	2453380.51242	62993.0	0.00452	0.00983	IBVS 5754
2453390.73400	2453390.73692	63029.0	0.00292	0.00823	IBVS 5843
2453408.34130	2453408.33716	63091.0	-0.00414	0.00117	Djurasevic 2006
2453408.48220	2453408.47691	63091.5	-0.00529	0.00002	Djurasevic 2006
2453408.62480	2453408.62006	63092.0	-0.00474	0.00057	Djurasevic 2006
2453409.33510	2453409.33040	63094.5	-0.00470	0.00061	Djurasevic 2006
2453412.18390	2453412.18698	63104.5	0.00308	0.00839	Szalai2007A&A...465..943
2453412.18390	2453412.18698	63104.5	0.00308	0.00839	Szalai 2007
2453413.03670	2453413.04027	63107.5	0.00357	0.00888	Szalai2007A&A...465..943
2453413.03670	2453413.04027	63107.5	0.00357	0.00888	Szalai 2007
2453413.17930	2453413.18342	63108.0	0.00412	0.00943	Szalai2007A&A...465..943
2453413.17930	2453413.18342	63108.0	0.00412	0.00943	Szalai 2007
2453415.02360	2453415.02535	63114.5	0.00175	0.00706	Szalai2007A&A...465..943
2453415.02360	2453415.02535	63114.5	0.00175	0.00706	Szalai 2007
2453415.16710	2453415.17030	63115.0	0.00320	0.00851	Szalai2007A&A...465..943
2453415.16710	2453415.17030	63115.0	0.00320	0.00851	Szalai 2007

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2453416.02090	2453416.02559	63118.0	0.00469	0.01000	Szalai2007A&A...465..943
2453416.02090	2453416.02559	63118.0	0.00469	0.01000	Szalai 2007
2453416.16210	2453416.16594	63118.5	0.00384	0.00915	Szalai2007A&A...465..943
2453416.16210	2453416.16594	63118.5	0.00384	0.00915	Szalai 2007
2453435.05380	2453435.05652	63185.0	0.00272	0.00803	Szalai2007A&A...465..943
2453435.05380	2453435.05652	63185.0	0.00272	0.00803	Szalai 2007
2453436.04790	2453436.05036	63188.5	0.00246	0.00777	Szalai2007A&A...465..943
2453436.04790	2453436.05036	63188.5	0.00246	0.00777	Szalai 2007
2453445.42530	2453445.42977	63221.5	0.00447	0.00978	IBVS 5657
2453445.56600	2453445.56912	63222.0	0.00312	0.00843	IBVS 5657
2453451.52880	2453451.52857	63243.0	-0.00023	0.00508	IBVS 5657
2453703.95300	2453703.95181	64131.5	-0.00119	0.00412	IBVS 5672
2453783.35900	2453783.35713	64411.0	-0.00187	0.00344	IBVS 5754
2453799.40980	2453799.40693	64467.5	-0.00287	0.00244	IBVS 5754
2453799.55200	2453799.54928	64468.0	-0.00272	0.00259	IBVS 5754
2453814.32200	2453814.31595	64520.0	-0.00605	-0.00074	IBVS 5731
2453814.46760	2453814.46510	64520.5	-0.00250	0.00281	IBVS 5754
2453842.59810	2453842.59994	64619.5	0.00184	0.00715	IBVS 5777
2454098.56610	2454098.55950	65520.5	-0.00660	-0.00129	IBVS 5887
2454133.36980	2454133.36433	65643.0	-0.00547	-0.00016	IBVS 5835
2454174.42290	2454174.41770	65787.5	-0.00520	0.00011	IBVS 5802
2454174.56440	2454174.55865	65788.0	-0.00575	-0.00044	IBVS 5802
2454198.42870	2454198.42263	65872.0	-0.00607	-0.00076	IBVS 5801
2454199.42330	2454199.41747	65875.5	-0.00583	-0.00052	IBVS 5802
2454498.58330	2454498.57744	66928.5	-0.00586	-0.00055	IBVS 5887
2454502.41880	2454502.41305	66942.0	-0.00575	-0.00044	IBVS 5887

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2454523.30580	2454523.30551	67015.5	-0.00029	0.00502	IBVS 5887
2454523.44780	2454523.44746	67016.0	-0.00034	0.00497	IBVS 5887
2454530.40890	2454530.40914	67040.5	0.00024	0.00555	IBVS 5887
2454530.54940	2454530.54809	67041.0	-0.00131	0.00400	IBVS 5887
2454531.39780	2454531.39259	67044.0	-0.00521	0.00010	IBVS 5874
2454531.54040	2454531.53573	67044.5	-0.00467	0.00064	IBVS 5874
2454582.32920	2454582.40102	67223.0	0.07182	0.07713	IBVS 5887
2454621.31420	2454621.30691	67360.5	-0.00729	-0.00198	IBVS 5887
2454823.59900	2454823.59546	68072.5	-0.00354	0.00177	OEJV 116
2454828.57300	2454828.57167	68090.0	-0.00133	0.00398	OEJV 116
2454852.86290	2454852.86069	68175.5	-0.00221	0.00310	IBVS 5894
2454908.40310	2454908.39904	68371.0	-0.00406	0.00125	JAVSO..38...85
2454908.68760	2454908.68393	68372.0	-0.00367	0.00164	IBVS 5929
2454946.33176	2454946.32866	68504.5	-0.00310	0.00221	OEJV 0107
2454954.42900	2454954.42621	68533.0	-0.00279	0.00252	IBVS 5917
2454964.37103	2454964.36668	68568.0	-0.00435	0.00096	OEJV 0137
2454964.37153	2454964.36768	68568.0	-0.00385	0.00146	OEJV 0137
2454964.37273	2454964.37008	68568.0	-0.00265	0.00266	OEJV 0137
2455262.39820	2455262.39740	69617.0	-0.00080	0.00451	JAVSO..39...94
2455269.30996	2455269.26040	69641.5	-0.04956	-0.04425	OEJV 0137
2455289.38810	2455289.38745	69712.0	-0.00065	0.00466	IBVS 5959
2455292.36940	2455292.36697	69722.5	-0.00243	0.00288	JAVSO..39...94
2455298.76400	2455298.76386	69745.0	-0.00014	0.00517	IBVS 5945
2455534.63843	2455534.70757	70575.0	0.06913	0.07445	OEJV 0137
2455623.49869	2455623.50397	70888.0	0.00528	0.01059	OEJV 0137
2455637.70550	2455637.71246	70938.0	0.00696	0.01227	IBVS 5992

ตารางที่ ง-1 แสดงค่า O - C และค่า Residual ของระบบดาวคู่ XY Leonis

HJD(O)	HJD(C)	Epoch	O - C	Residual	References
2455653.47060	2455653.47497	70993.5	0.00437	0.00968	JAVSO..40....1
2455664.26660	2455664.27107	71031.5	0.00447	0.00978	IBVS 5990
2455664.41050	2455664.41682	71032.0	0.00632	0.01163	IBVS 5990
2455686.28680	2455686.29352	71109.0	0.00672	0.01203	IBVS 5990
2455688.27500	2455688.28120	71116.0	0.00620	0.01151	IBVS 5990
2455688.41640	2455688.42195	71116.5	0.00555	0.01086	IBVS 5990
2455689.26850	2455689.27384	71119.5	0.00534	0.01065	IBVS 5990
2455953.91610	2455953.92747	72051.0	0.01137	0.01668	IBVS 6029
2455970.53562	2455970.54651	72109.5	0.01089	0.01620	OEJV 0160
2455975.65090	2455975.66322	72127.5	0.01232	0.01763	2013JAVSO..41..122
2456004.48938	2456004.50376	72229.0	0.01438	0.01969	OEJV 0160
2456013.72120	2456013.73407	72261.5	0.01287	0.01818	IBVS 6029
2456312.88800	2456312.90763	73314.5	0.01963	0.02494	IBVS 6063
2456353.37613	2456353.39927	73457.0	0.02314	0.02845	OEJV 0160
2456353.38214	2456353.38288	73457.1	0.00074	0.00605	OEJV 0160
2456356.36070	2456356.38533	73467.5	0.02463	0.02994	IBVS 6084
2456356.49485	2456356.51158	73468.0	0.01673	0.02204	OEJV 0160
2456371.56000	2456371.58445	73521.0	0.02445	0.02976	IBVS 6084
2456377.52573	2456377.54975	73542.0	0.02402	0.02933	OEJV 0160
2456407.35600	2456407.37952	73647.0	0.02352	0.02883	OEJV 0160
2456407.35644	2456407.38040	73647.0	0.02396	0.02927	OEJV 0160
2456407.35682	2456407.38116	73647.0	0.02434	0.02965	OEJV 0160
2456408.63680	2456408.66266	73651.5	0.02586	0.03117	2013JAVSO..41..328
2456766.61540	2456766.65058	74911.5	0.03518	0.04049	JAVSO..42..426
2457094.17948	2457094.20844	76064.5	0.02896	0.03427	งานวิจัยครั้งนี้