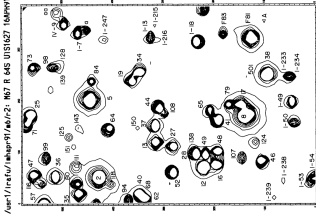


Table 2. Magnitudes and colours of stars in M 67

Ident	V	1991	1992	B-V	1991	1992	V-R	1991	1992	R-I	1991	1992	GBD	CI
G2	10.262	10.628	1.093	1.099	0.568	0.516	10.49	10.60	10.465					
G6	9.702	9.691	1.353	1.353	0.714	0.636	9.70	9.702	10.301					
G8	11.435	11.424	1.061	1.058	0.557	0.508	11.45	11.432						
G13	12.122	12.233	0.453	0.457	0.294	0.280	12.14	12.124						
G19	12.185	12.193	0.515	0.512	0.319	0.311	12.27	12.247						
G21	12.857	12.854	0.719	0.713	0.451	0.429	12.87	12.857						
G15	12.667	12.644	0.509	0.518	0.319	0.296	12.67	12.671						
G25	12.620	12.759	0.561	0.565	0.343	0.327	13.15	12.78	12.765					
G27	12.887	12.862	0.448	0.457	0.277	0.278	12.86	12.864	12.884					
G34	12.821	12.803	0.554	0.568	0.349	0.330	12.83	12.820	12.820					
G35	12.862	12.833	0.560	0.563	0.353	0.353	12.79	12.79	12.79					
G36	12.693	12.663	0.454	0.443	0.305	0.290	12.75	12.693	12.693					
G37	12.597	12.606	0.800	0.810	0.482	0.466	12.60	12.63	12.636					
G38	11.642	11.039	0.396	0.380	0.329	0.231	11.09	11.09						
G40	12.876	12.816	0.776	0.770	0.424	0.423	12.85	12.85						
G41	12.720	12.743	0.965	0.957	0.444	0.434	12.73	12.724						
G44	13.081	13.068	0.559	0.580	0.359	0.324	13.01	13.019	13.077					
G47	13.074	13.066	0.589	0.587	0.370	0.367	13.03	13.03	13.03					
G47	13.307	13.106	0.465	0.455	0.279	0.261	13.30	13.265	13.265					
G48	13.150	13.151	0.581	0.575	0.366	0.333	13.34	13.15	13.147					
G49	13.176	13.191	0.590	0.579	0.329	0.324	13.20	13.174	13.174					
G52	13.198	13.194	0.596	0.591	0.335	0.432	13.22	13.192	13.192					
G57	13.257	13.464	0.373	0.630	0.374	0.351	13.48	13.670						
G59	13.455	13.464	0.375	0.580	0.362	0.341	13.48	13.48						
G64	13.485	13.674	0.975	0.991	0.665	0.665	13.42	13.74						
G65	13.933	13.941	0.665	0.591	0.366	0.353	13.94	13.933						
G68	13.792	13.750	0.685	0.596	0.365	0.338	13.51	13.77	14.128					
G73	14.122	13.700	0.605	0.565	0.358	0.351	14.14	14.128	14.128					
G79	14.147	14.167	0.719	0.760	0.415	0.396	14.32	14.132	14.132					
G80	14.378	14.551	0.851	0.802	0.502	0.502	14.32	14.32	14.32					
G84	14.344	14.414	0.459	0.454	0.332	0.322	14.61	14.61	14.61					
G94	15.017	15.012	0.759	0.750	0.461	0.451	14.61	14.61	14.61					
G98	14.855	14.835	0.435	0.438	0.338	0.338	15.38	15.38						
G99	15.266	15.266	0.762	0.672	0.473	0.473	0.587	0.587	15.23					
G107	15.861	15.837	1.012	0.969	0.637	0.591	15.84	15.84	15.84					
G108	15.820	15.774	1.087	1.086	0.575	0.561	15.80	15.80	15.80					
G111	15.774	15.774	0.869	0.869	0.535	0.535	15.74	15.74	15.74					
G112	15.744	15.744	0.858	0.858	0.535	0.535	15.74	15.74	15.74					
G118	16.457	16.457	0.911	0.911	0.611	0.611	16.41	16.41	16.41					
G124	16.936	16.936	0.955	0.955	0.655	0.655	16.89	16.89	16.89					
G124	16.026	16.020	0.875	0.875	0.575	0.708	0.680	0.680	16.57					
G128	17.443	17.443	0.759	0.759	0.469	0.469	17.38	17.38	17.38					
G138	17.745	17.844	0.856	0.856	0.569	0.931	0.922	0.922	17.78					
G140	17.988	17.988	0.838	0.838	0.548	0.548	17.96	17.96	17.96					
G143	17.997	17.997	0.849	0.849	0.549	0.549	17.98	17.98	17.98					
G151	18.685	18.685	0.898	0.898	0.608	0.898	18.67	18.67	18.67					
G501	12.787	0.547	0.297	0.297	0.297	0.297	18.67	18.67	18.67					
F81	9.985	-0.145	-0.145	0.327	-0.038	-0.030	10.022	10.022	10.022					
F83	13.184	13.208	0.581	0.564	0.351	0.355	13.199	13.199	13.199					
F13	15.448	15.118	0.756	0.771	0.462	0.431	15.421	15.421	15.421					
F23	13.424	13.424	0.565	0.565	0.367	0.367	13.424	13.424	13.424					
F40	14.466	14.466	0.546	0.546	0.346	0.346	14.466	14.466	14.466					
F49	15.146	15.146	0.615	0.615	0.415	0.415	15.146	15.146	15.146					
F80	15.341	15.341	0.892	0.816	0.627	0.586	15.34	15.34	15.34					
F83	16.413	16.378	0.874	0.874	0.627	0.586	16.378	16.378	16.378					
F84	16.343	16.343	0.874	0.874	0.627	0.586	16.343	16.343	16.343					
F85	16.143	16.174	0.636	0.668	0.368	0.387	16.174	16.174	16.174					
F85	14.179	14.179	0.636	0.668	0.368	0.387	14.179	14.179	14.179					
F85	16.999	16.999	0.565	0.565	0.316	0.337	16.999	16.999	16.999					
F85	13.401	13.401	0.565	0.565	0.316	0.337	13.401	13.401	13.401					
F85	14.111	14.111	0.565	0.565	0.316	0.337	14.111	14.111	14.111					
F85	14.693	14.693	0.738	0.738	0.434	0.419	14.693	14.693	14.693					
F85	17.0	13.884	0.584	0.584	0.342	0.342	13.884	13.884	13.884					
F213	18.122	18.122	0.651	0.651	0.451	0.451	18.122	18.122	18.122					
F216	17.520	17.520	0.877	0.877	0.577	0.577	17.520	17.520	17.520					
F233	15.705	15.716	0.850	0.862	0.481	0.506	15.716	15.716	15.716					
F234	15.238	15.267	0.776	0.778	0.507	0.387	15.267	15.267	15.267					
F239	18.488	18.488	0.833	0.833	0.533	0.533	18.488	18.488	18.488					
F239	18.488	18.488	0.833	0.833	0.533	0.533	18.488	18.488	18.488					
F247	16.772	16.687	0.421	0.421	0.421	0.421	16.687	16.687	16.687					
F247	13.767	13.767	0.590	0.590	0.333	0.333	13.767	13.767	13.767					
F247	14.873	14.873	0.405	0.405	0.405	0.405	14.873	14.873	14.873					
F247	16.097	16.097	1.055	1.055	0.626	0.626	16.097	16.097	16.097					
F247	16.097	16.097	1.055	1.055	0.626	0.626	16.097	16.097	16.097					



) The region of M 67 observed in 1991. North is at the top and east to the left. The chart is prepared using an *R* band

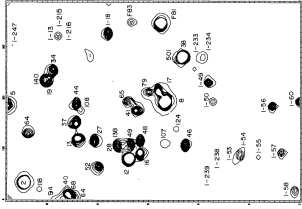


Fig. 1. b) The region of M 67 observed in 1992. North is at the top and east to the left. The chart is prepared using an *R* band image