in each case the sum of the squares of the deviations reached a minimum (*B.A.N.* 147). In this way the following phases for the same point on the lightcurve were found:

	mean J.D.		rel. weight	*O–C*
		P		P
SCHMIDT	2402826	— ·019	6	+ ·001
Mrs. ROBINSON	19873	— ·023	1	— ·016
VOÛTE	24627	·000	4	+ ·003

According to this the reciprocal period used, $^{d-1}$·14261, needs a correction of —$^{d-1}$·00000075 to $^{d-1}$·14260925, corresponding to a period of 7^d·012168.

5. From 10 observations on the steep part of the radial velocity curve as determined by MOORE (*Lick Bull.* 157) and DUNCAN (*Publ. Astr. Soc. of the Pacific* 44, 324) I find the period to be 7^d·01225 with an estimated m.e. of ± ^{d}·00005.

In conclusion I think that the most probable period of X Sgr, which can be given today, is 7^d·01216 with a m.e. of a few units in the last decimal.

List of 20 white stars between 6^m and 7^m evenly distributed over the sky,

by *Ejnar Hertzsprung*.

The general visual photometry made at Harvard has been performed mainly by using one standard star only, viz. Polaris, while the visual magnitudes determined at Potsdam were referred to 144 fundamental stars in the northern hemisphere.
The 20 stars listed below form an intermediate proposal. Their Harvard magnitudes range from 6^m·02 to 6^m·90 (mean 6^m·41) and their spectra from B8 to Fo (mean A2). The stars are situated near the 20 corners of a regular dodecahedron and occupy 4 zones of declination only.

Care has been taken to select stars, which are not known to be double.

required position	star chosen H.D.	α (1900)	δ (1900)	m_{vis}	sp.
h m °		h m	° ′	m	
0 0 + 60	224404	23 52·5	+ 59 28	6·42	B8
4 48 + 60	30685	4 44·7	+ 61 19	6·63	A2
9 36 + 60	83886	9 36·3	+ 54 50	6·34	A2
14 24 + 60	127929	14 29·0	+ 60 40	6·18	Fo
19 12 + 60	182308	19 19·0	+ 64 13	6·33	B9
0 0 + 11	222962	23 40·3	+ 9 37	6·54	A3
4 48 + 11	32021	4 55·2	+ 10 46	6·60	B9
9 36 + 11	84722	9 42·0	+ 12 3	6·37	Fo
14 24 + 11	128481	14 32·0	+ 13 18	6·90	Ao
19 12 + 11	181383	19 15·2	+ 11 21	6·02	A2
2 24 — 11	13936	2 10·5	— 9 56	6·66	Ao
7 12 — 11	58462	7 20·6	— 14 41	6·59	Ao
12 0 — 11	102990	11 64·3	— 11 38	6·22	Fo
16 48 — 11	152585	16 49·1	— 11 38	6·47	Ao
21 36 — 11	207503	21 44·3	— 13 11	6·12	Ao
2 24 — 60	15646	2 25·8	— 64 45	6·36	B9
7 12 — 60	51210	6 51·3	— 59 13	6·38	A2
12 0 — 60	104430	11 56·4	— 56 56	6·41	B9
16 48 — 60	151441	16 42·2	— 65 12	6·30	B8
21 36 — 60	208149	21 49·2	— 58 22	6·43	A3
