fairly well.

Similarly to multimodal RR Lyrae type stars, the periods of δ Sct stars are close to those of P_F, P_E, P_{1H}, P_G, P_{2H} and their combinations.

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SEARCH FOR LONG-TERM VARIATIONS OF dKe-dMe STARS

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ABSTRACT. Measurements of brightness of 29 red dwarf stars and 3 stars of other types were made on time scales of 5 – 90 years using plates archives of Sternberg State Astronomical Institute (Moscow), Astronomical Observatory of Odessa State University and Sonneberg Observatory (Germany). The sensitivity of plates are close to B band. The long– term changes in yearly mean magnitude have been detected or suspected for 10 dKe–dMe objects. Two stars, V833 Tau and PZ Mon, show high amplitude of variability up to 0.6 – 1.0 mag. The range of variability in mean light of the other eight stars is of 0.2 – 0.5 mag. The light curves show typical times of long–term variability of about 30–60 years. Changes of the mean light of the remained dKe–dMe stars and three other stars of other types – FK Com, V654 Her, AE Aqr – do not exceed 0.2 mag. Complete paper is to be published in: *Izvestija Krymskoy Astrofizicheskoy Observatorii*, v.**91**.

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