$\boxed{\text{E P13}}$ Analysis of the magnetic phase curves Ap-stars

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We analyze parameters of the averaged phase curves of the effective magnetic field B_e for 139 main sequence and other stars. Most of them, 134 objects, are chemically peculiar A and B type stars. Their contribution presents statistical properties of fitting coefficients B_0, B_1, and B_2, and the distribution of the parameter $r = B_e(\text{max})/B_e(\text{min})$.