Search for magnetic pulsational variation in the star gamma Equ

I. Savanov\textsuperscript{1,4}, S. Hubrig\textsuperscript{2}, G. Mathys\textsuperscript{2}, A. Ritter\textsuperscript{1} and D. W. Kurtz\textsuperscript{3}

\textsuperscript{1} Astrophysical Institute Potsdam, An der Sternwarte 16, D-14482 Potsdam, Germany
\textsuperscript{2} European Southern Observatory, Casilla 19001, Santiago 19, Chile
\textsuperscript{3} Centre for Astrophysics, University of Central Lancashire, Preston PR1 2HE UK
\textsuperscript{4} Crimean Astrophysical Observatory, Nauchny, Ukraine

We report new results of the measurements of the radial velocity variations and the mean magnetic field modulus on the surface of gamma Equ obtained on high-resolution and high signal-to-noise spectra. The results of the recent studies of the magnetic pulsational variability in this star are very controversial and require additional observations to provide more secure constraints for further development of theoretical models of stellar pulsations in the presence of a strong magnetic field.