Algol-type Binaries with Oscillating Primaries

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One of the favourite subjects to lecture via the ERASMUS program with the Bucharest University was variable stars. Any kind of variables: single or binaries. So, for this special occasion I've chosen to present the new class of Agol-type eclipsing binaries, the so-called oEA. In this new class a valuable combination exists: a) eclipses that allows the accurate determination of the binary's elements via the light curve analysis; b) δ-like oscillations of the primary mass-accreting component. This new class of variables that number about 20 members is potentially attractive and excellent for asteroseismology studies.