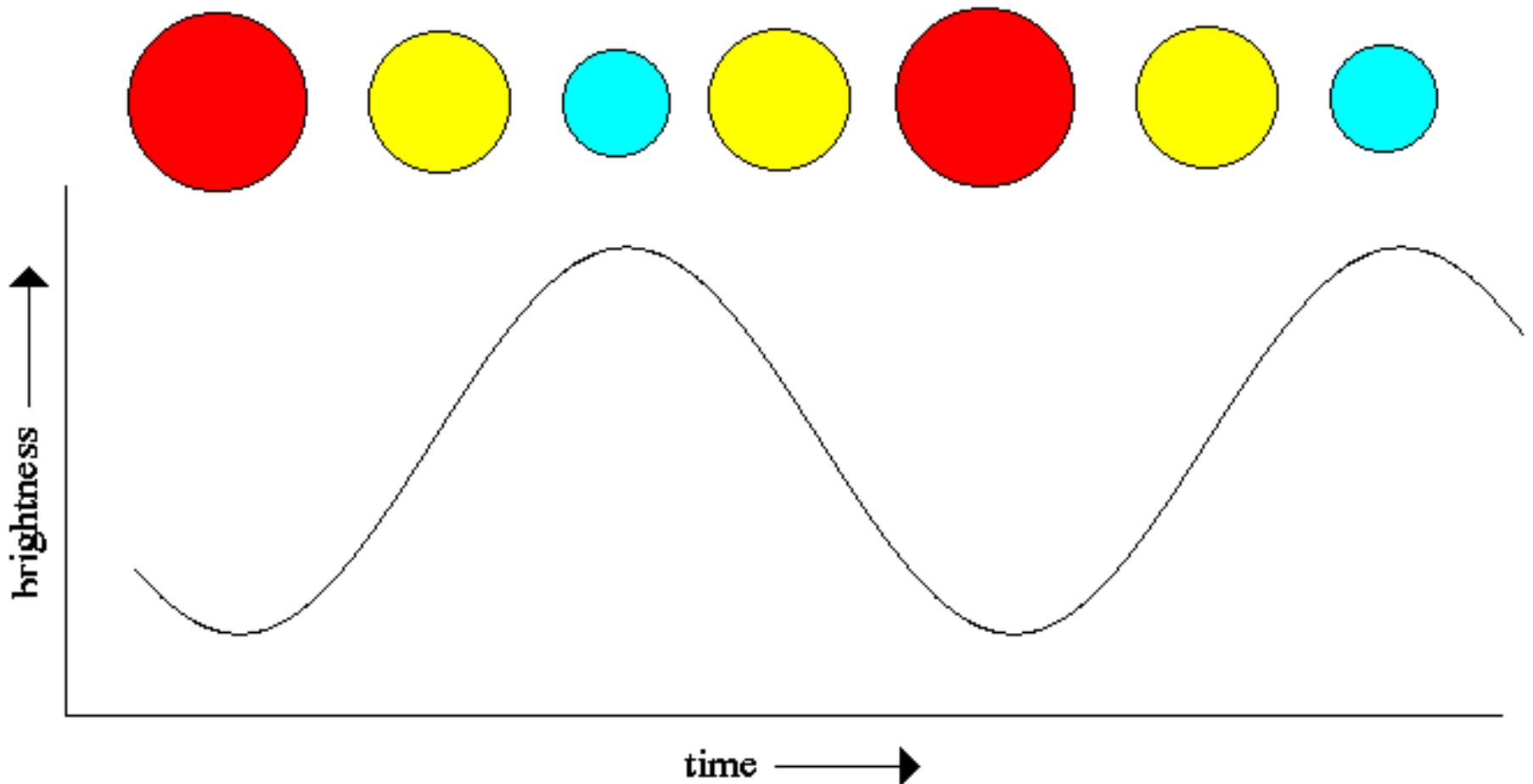


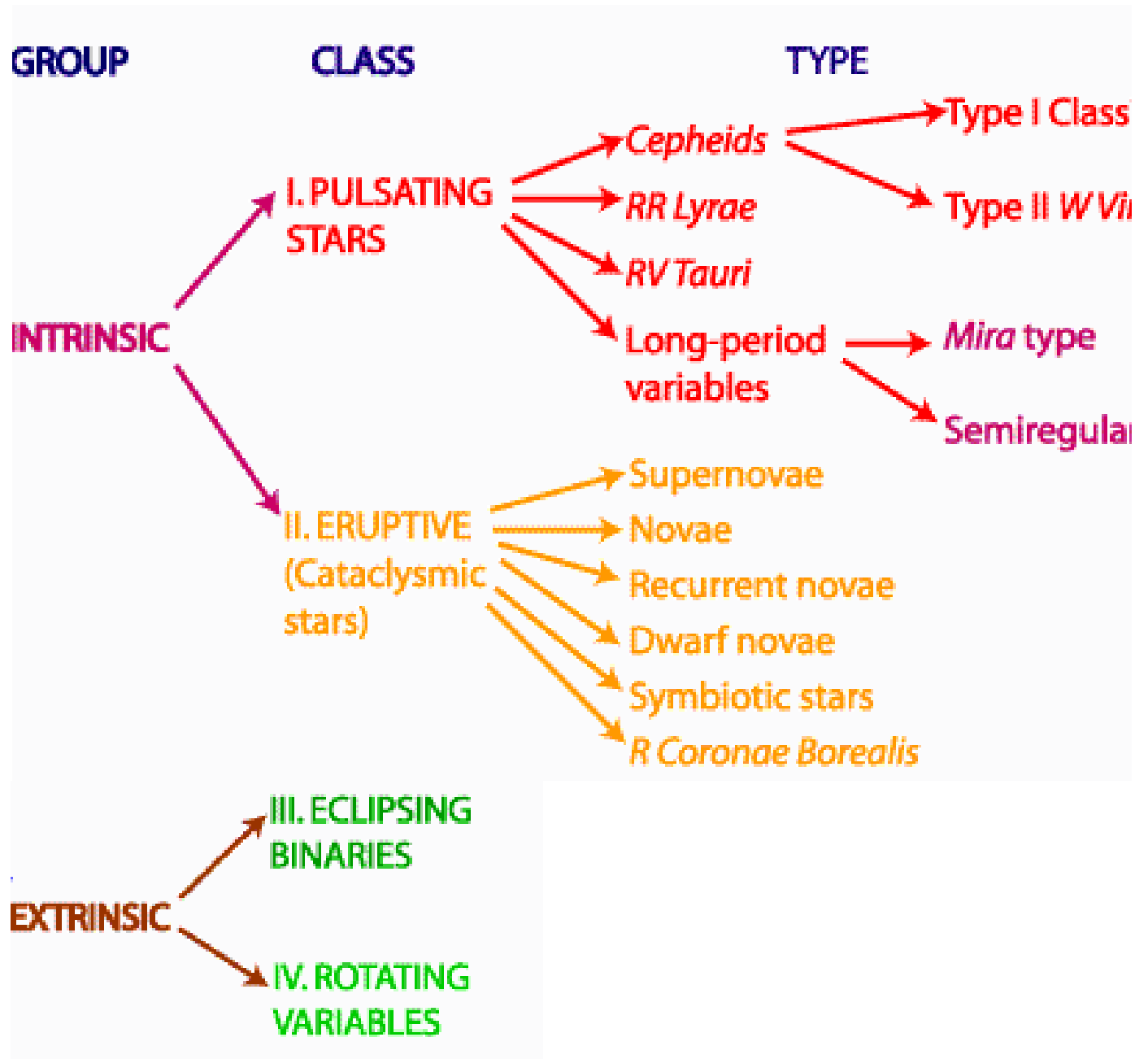
AGA0100

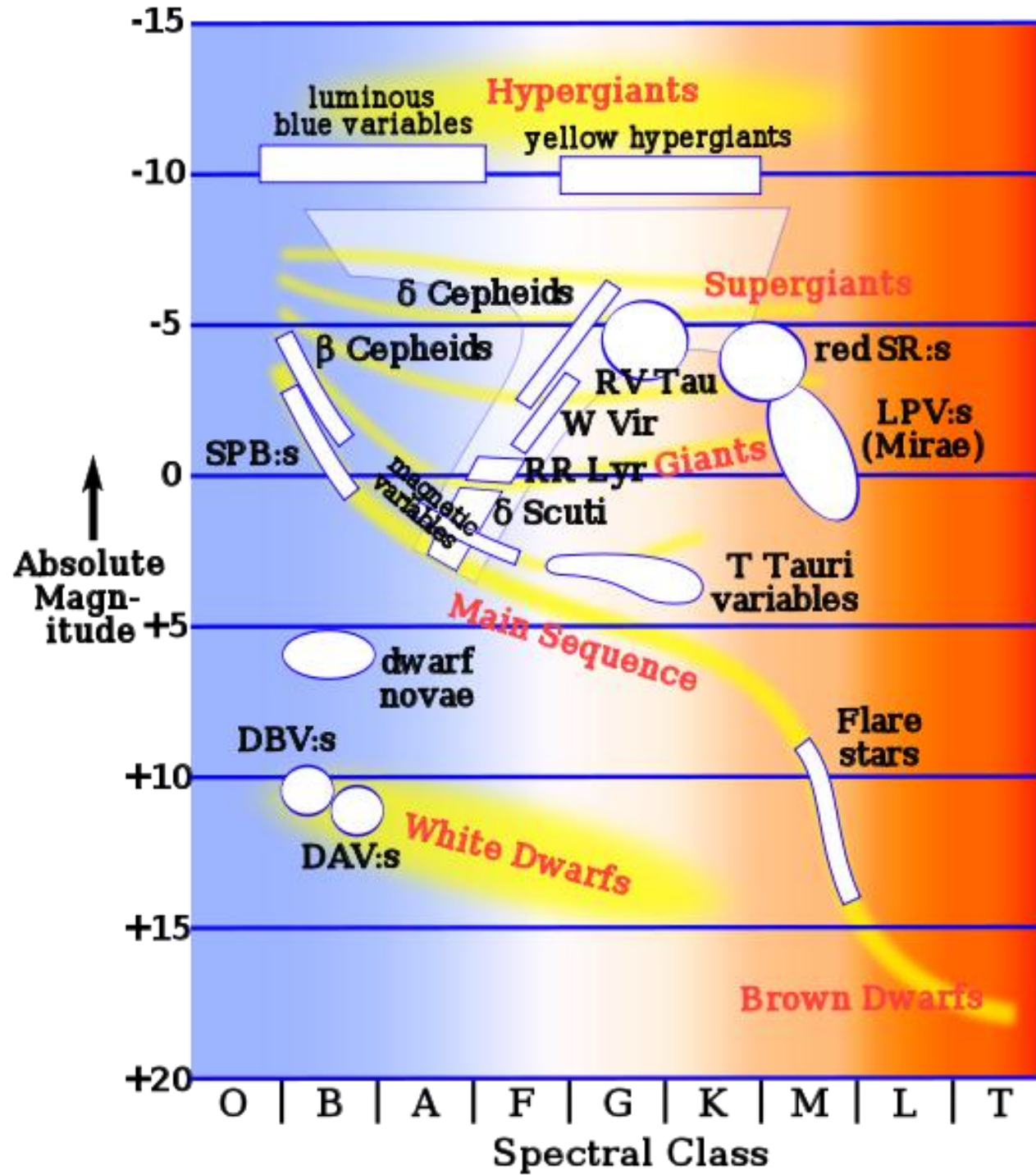
9.2 Estrelas Variáveis

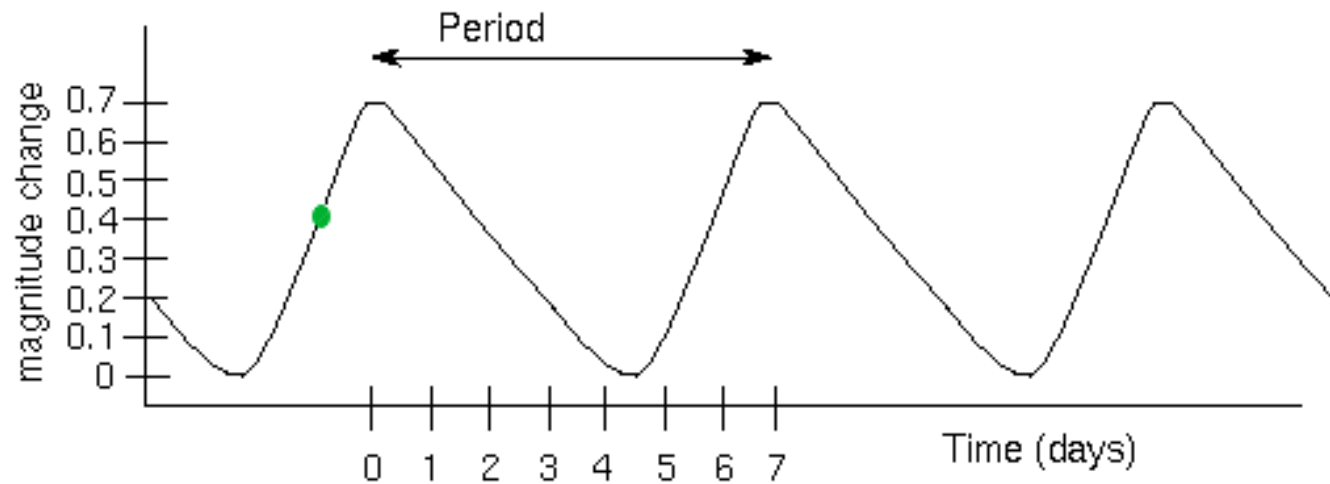
Estrelas variáveis: Variáveis intrínsecas são aquelas que variam de brilho porque os parâmetros físicos (temperatura, raio etc) variam com o tempo.

Variable Star









Cepheid variables: outward pressure (P) and inward gravity compression are out of sync, so star changes size and temperature: it **pulsates**.

RR-Lyrae variables are smaller and have pulsation periods of less than 24 hours. Also, their light curve looks different from the Cepheid light curve.

PERIOD - LUMINOSITY RELATIONSHIP

