

**Otto Kerner, Wild hereditary algebras.**

The category of finite dimensional modules for a finite dimensional wild hereditary algebra  $H$  (over an algebraically closed field) is considered in my talk.

Spectral properties of the Coxeter transformation can be used to describe the asymptotic behavior of modules under Auslander-Reiten translations, maps between regular modules and the shape of regular Auslander-Reiten components.

In the second part, I will speak about perpendicular categories  $X^\perp$  of regular indecomposable modules without self extensions and the relation of these categories  $X^\perp$  with the original module category  $H\text{-mod}$ .