

**ZMATH 2007e.00269**

**Kumar, Rajesh; Jha, K.N.**

**On generalised recursions and its dilators.**

Math. Educ. 35, No. 3, 181-184 (2001).

Summary: P.G. Hinman and J.Y. Girard developed primitive recursive set functions and its impact on theory of ordinals. We establish here links between recursive dilator and generalised recursions based on  $\Sigma$ -definable over admissible sets. We discuss here the consequences of ordinal recursions with suitable application of cut elimination procedure.

*Classification:* E60 E30 I90 P20