

# The Influence of the Rotation Velocity Gradient on the Line Profiles of Accretion Discs of Cataclysmic Variables

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radial structure

$\alpha$ -disc

Shakura & Sunyaev  
1973, A&A, 24, 337



vertical structure,

NLTE  $S, \chi$

*AcDc* code

Nagel et al.

2004, A&A, 428, 109



2D radiative transfer

+ velocity field

Korčáková & Kubát

2005, A&A, 440, 715

