Inclusion of inhomogeneities in static NLTE model atmospheres

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Abstract

Presence of inhomogeneities (i.e. clumping) is a generally accepted property of stellar winds. However, in static stellar atmospheres, clumping is usually not considered at all. We describe implementation of clumping to our NLTE model atmosphere code. We present test results and estimate the effect of clumping on atmospheric structure and emergent radiation.

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