

**Falácia Ecológica no Contexto do Sensoriamento Remoto:
Ajuste de Escala Baseado em Função de Transferência de Modulação**

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Abstract. The manipulation of the bands of a multispectral sensor for the simulation of a other band represents an attractive possibility for the handling of the data of remote sensing. This work presents a methodology for the simulation and adjust of the band through the Modulation Transfer Function. The idea is to generate images with worse visual aspect taking in account the attributes of the sensors. Visual and statistics tests were accomplished to confirm the effectiveness of the methodology.

Palavras-chave: image simulation, resampling, simulação de imagens, reamostragem.