
Subject: cooccurrence homogeneity: what equation?

Posted by [Tom Wassenaar](#) on Thu, 17 Aug 2000 07:00:00 GMT

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Could anybody please provide me with the equation of the "homogeneity" (which is NOT the angular second moment!) texture feature, calculated on the co-occurrence matrix by IDL-ENVI ?

This is stored in a .sav file, so I don't have access to it. The online help says it has been based on the features of Haralick et al., 1973, but this paper does not mention such a feature!

Thanks so much.

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$\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \left(\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \left(\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \left(\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \right) \right) \right)$

Tom Wassenaar

INRA Science du Sol, 2 place Pierre Viala

34060 Montpellier Cedex 02, tel. +33 (0)499612764

fax +33(0)467632614, Mⁱ : wassenaar@ensam.inra.fr

$\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \left(\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \left(\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \left(\frac{1}{N} \sum_{i,j} \sum_{k,l} \frac{1}{2} \right) \right) \right)$