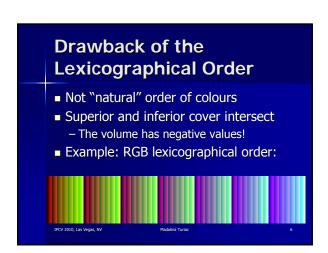
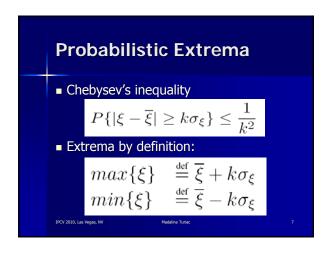
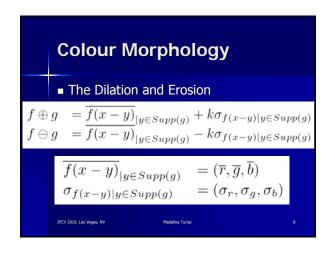
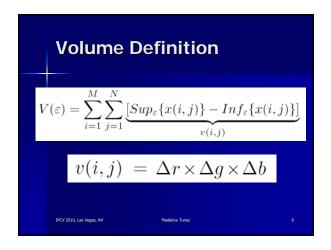


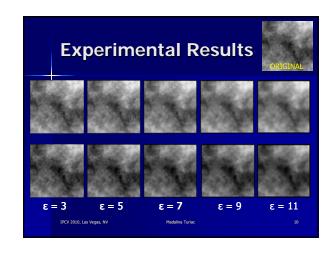
Morphological Covers ■ Dilation and erosion for grey-scale images [Serra] with flat structuring elements (SE) $f \oplus g = \max_{y \in Supp(g)} \{f(x-y)\}$ $f \ominus g = \min_{y \in Supp(g)} \{f(x-y)\}$ ■ Issue – for colour images – the definition of a total order in a 3D space – Hanbury & Lopez define lexicographical i.e. partial orders

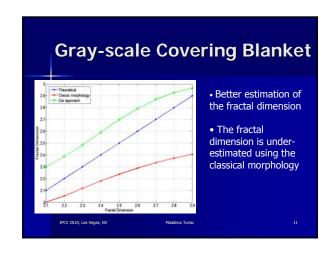




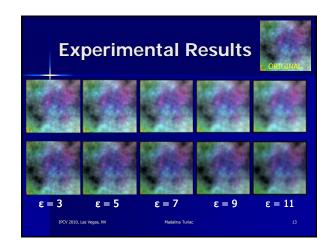


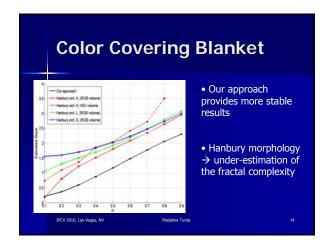


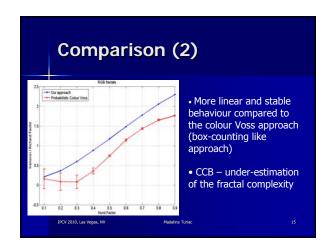














Conclusions • We don't define a partial order • Extrema of a set – computed based on the mean and standard deviation • The approach • colour extension of the covering blanket • suitable for metrological purposes • image complexity assessment performed in RGB