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$l$

$c$

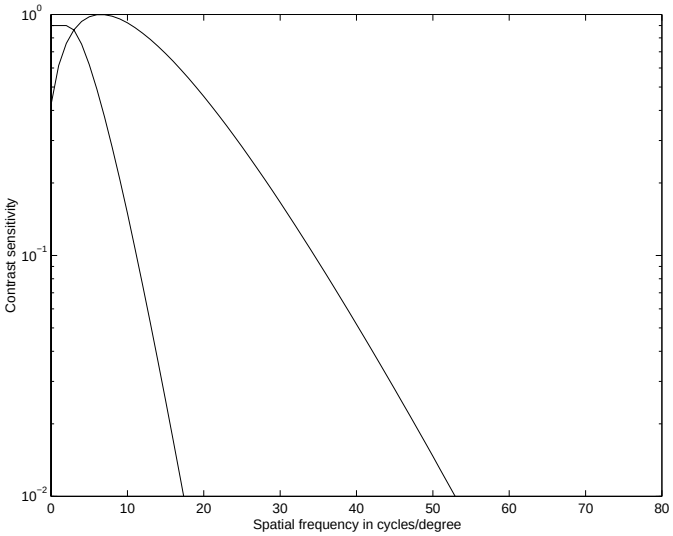
$l \quad r \qquad\qquad r \qquad - \qquad r \quad .$

$c \quad r \quad \left\{ \right. \qquad\qquad r \qquad - \qquad r \quad . \qquad r \qquad ma$

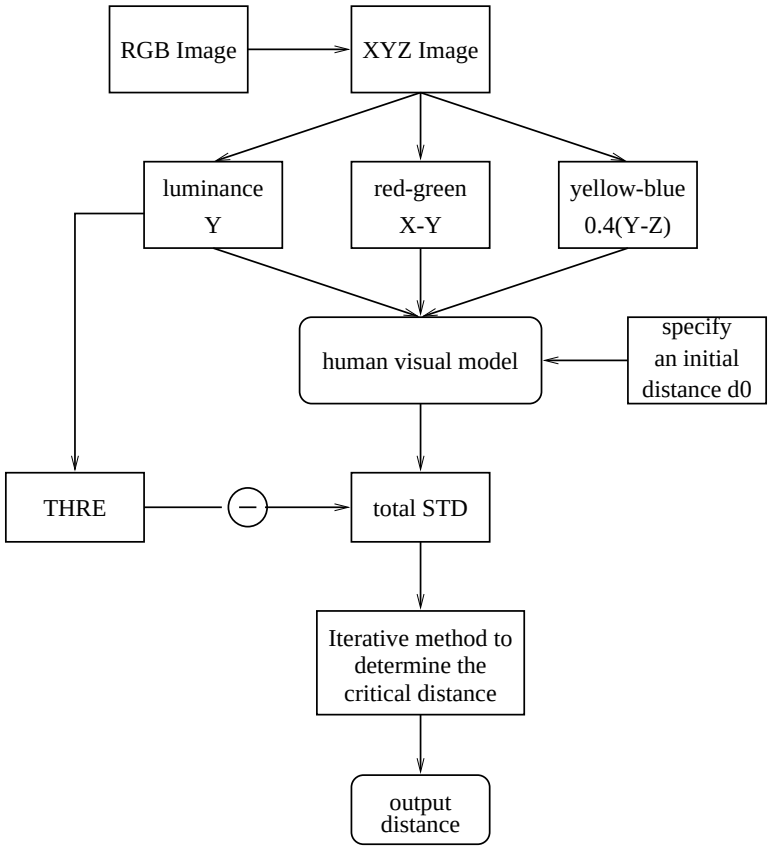
$r$

$k \qquad l$

$k$




$$\left(\quad\right) \times \left(\quad\right)$$


RGB Image
XYZ Image
luminance
Y
red-green
X-Y
yellow-blue
0.4(Y-Z)
human visual model
specify
an initial
distance d0
THRE
total STD
Iterative method to
determine the
critical distance
output
distance

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$$\prime \qquad \prime \qquad \prime$$

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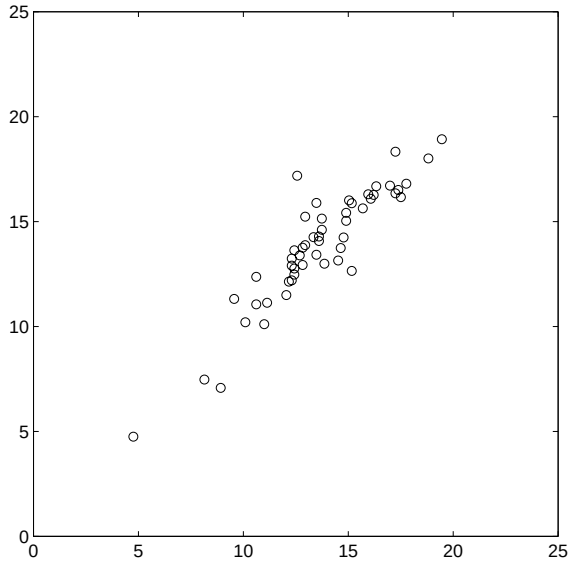




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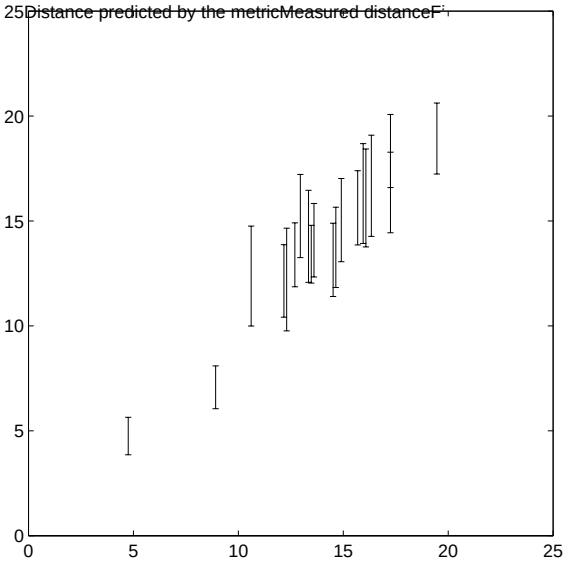
25Distance predicted by the metricMeasured distanceF
20
15
10
5
0
0
5
10
15
20
25