

Tema 11

Correlación



Universidad
Carlos III de Madrid

Intelligent
Systems
Lab



Operador Correlación

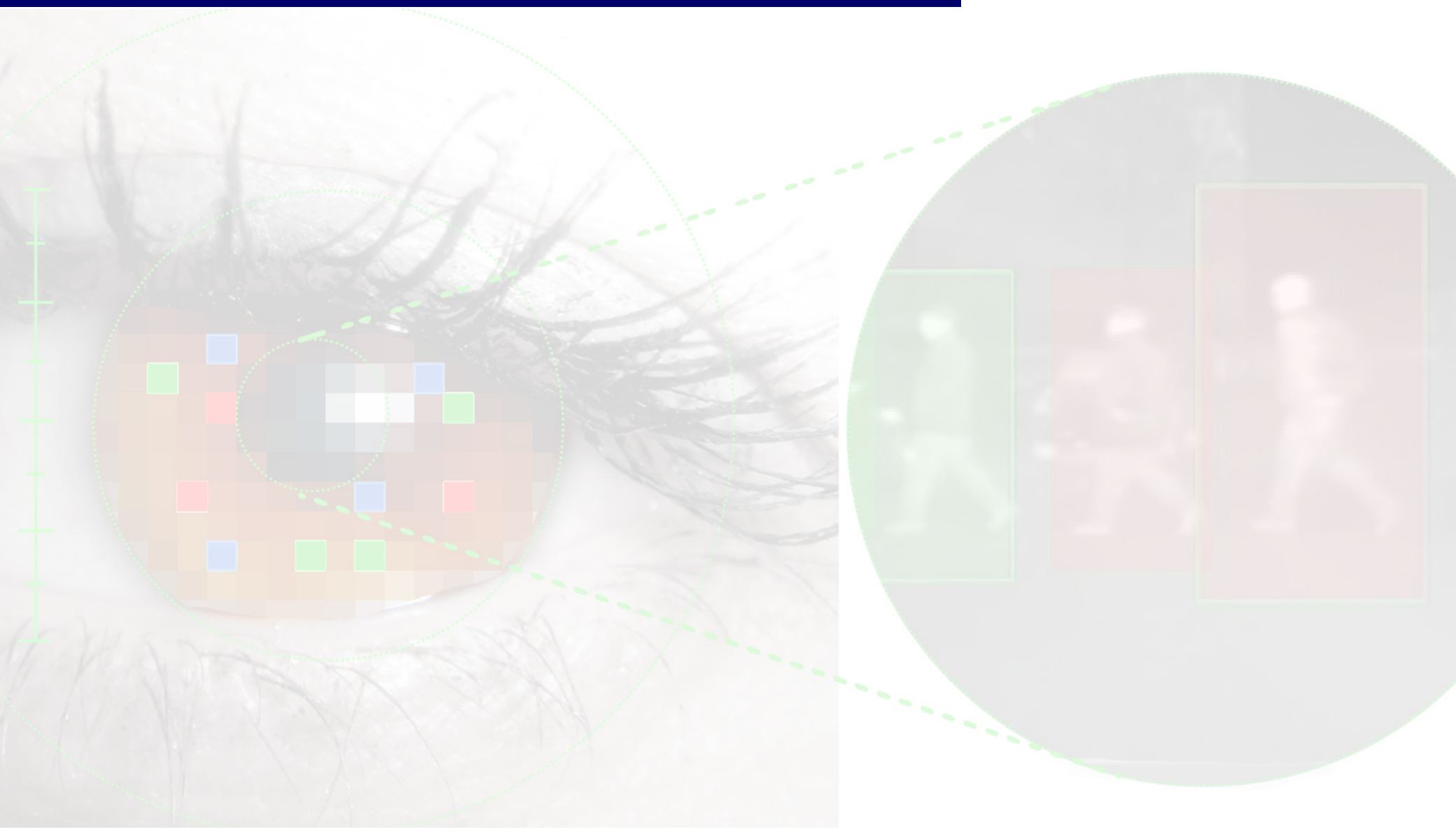


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Correlación

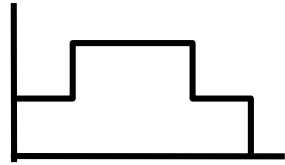


◆ Correlación

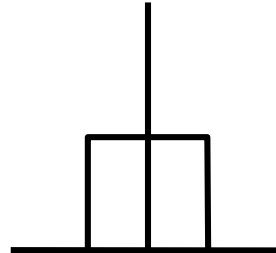
$$g(x, y) = h(x, y) \circ f(x, y) = \sum_{i=-\infty}^{i=\infty} \sum_{j=-\infty}^{j=\infty} f^*(i, j) h(x + i, y + j)$$

Correlación en Imágenes Digitales

◆ Correlación



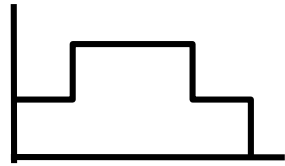
$f(x)$



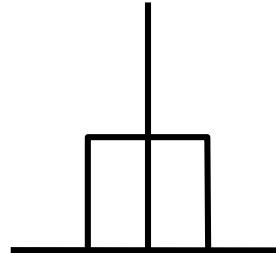
$h(x)$

Correlación en Imágenes Digitales

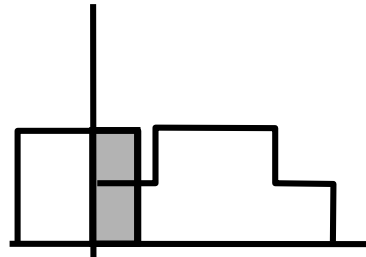
◆ Correlación



$f(x)$



$h(x)$



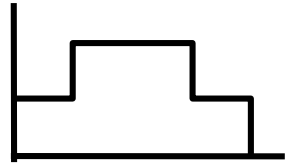
$f(i) \cdot h(x+i)$



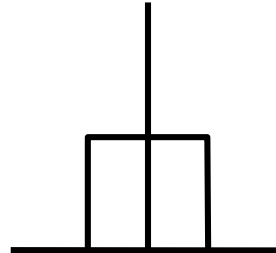
$g(x)$

Correlación en Imágenes Digitales

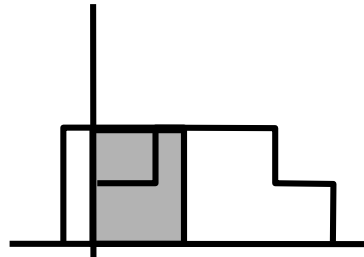
◆ Correlación



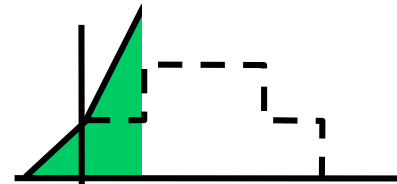
$f(x)$



$h(x)$

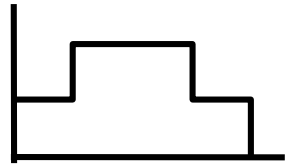


$f(i) \cdot h(x+i)$

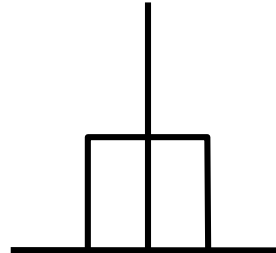


$g(x)$

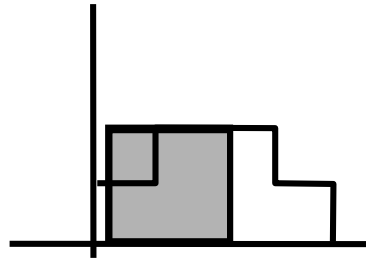
◆ Correlación



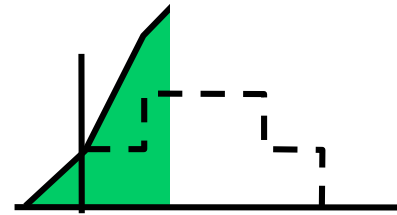
$f(x)$



$h(x)$



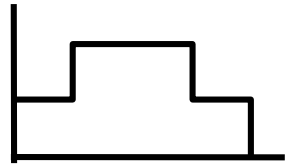
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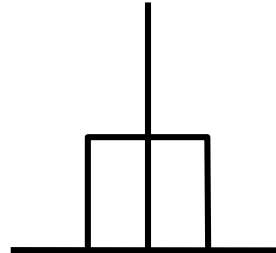
$g(x)$

Correlación en Imágenes Digitales

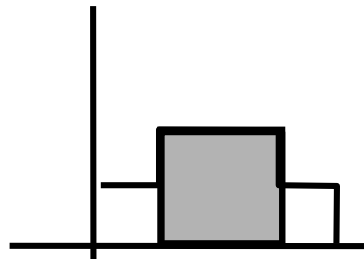
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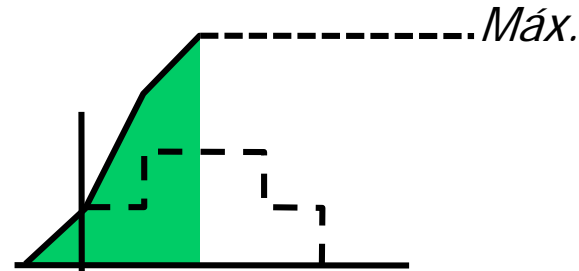
$f(x)$



$h(x)$



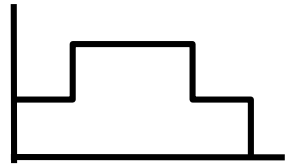
$f(i) \cdot h(x+i)$



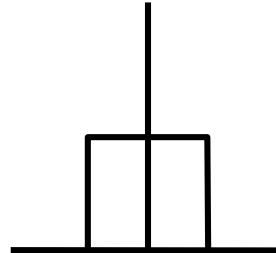
$g(x)$

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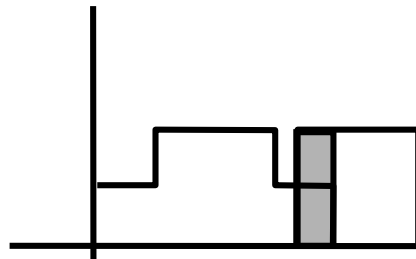
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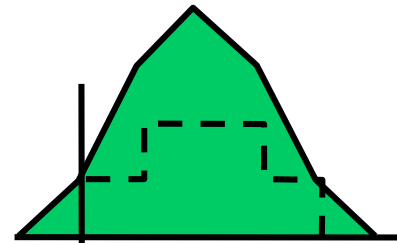
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$h(x)$

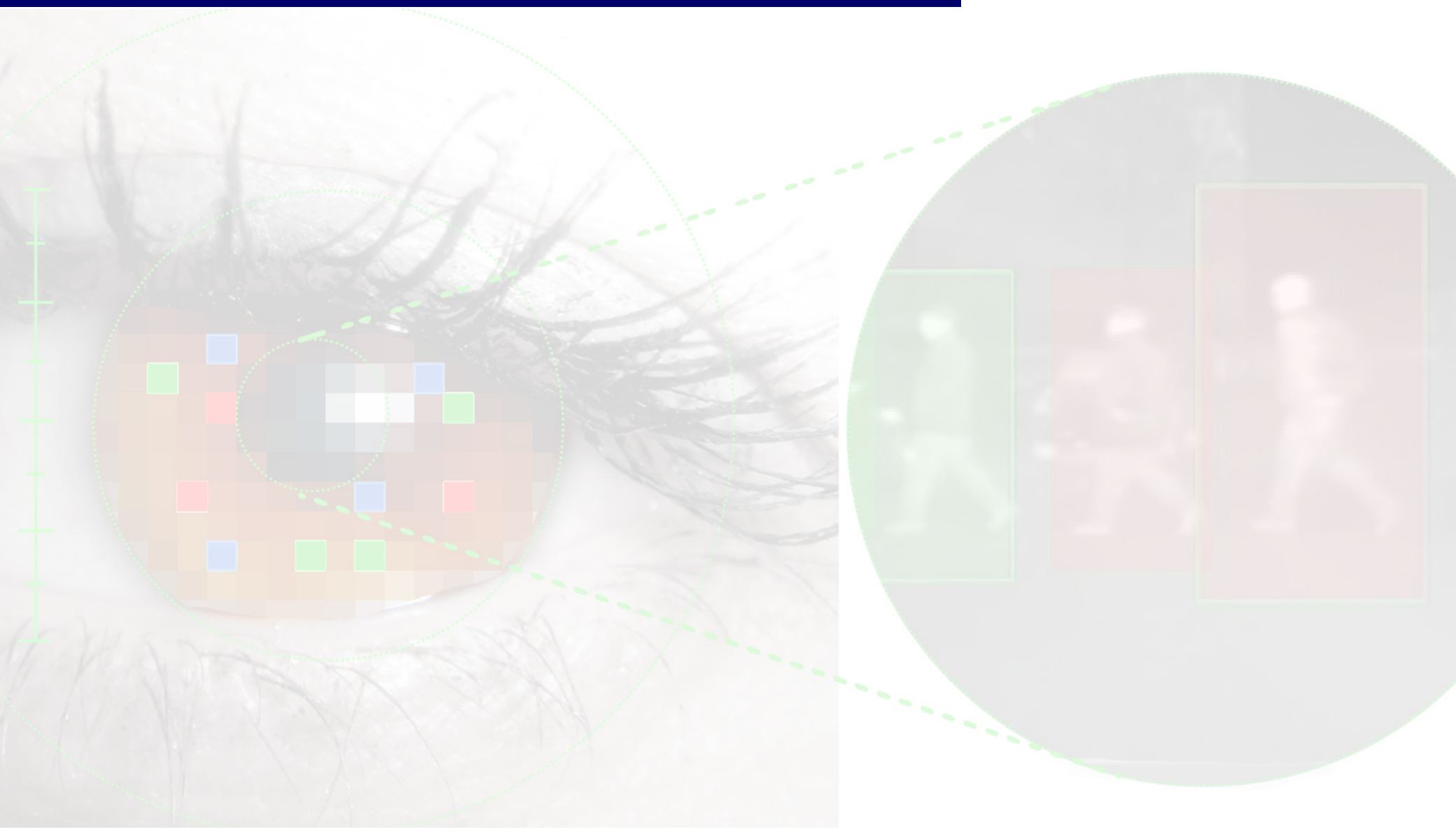


$f(i) \cdot h(x+i)$



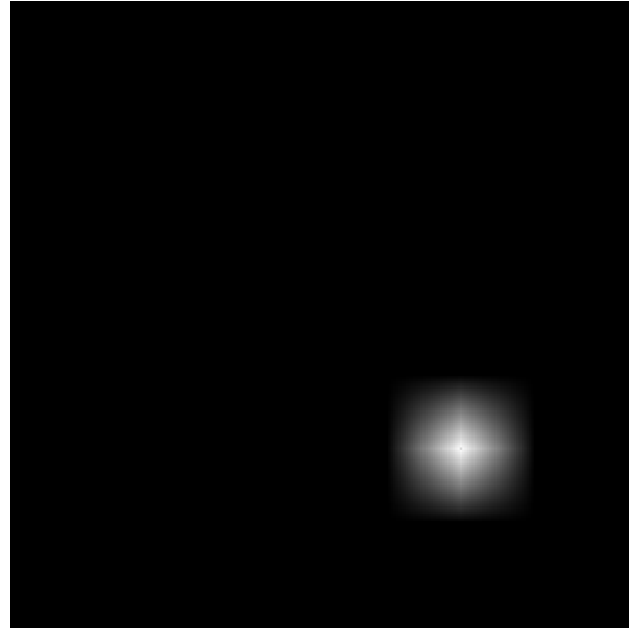
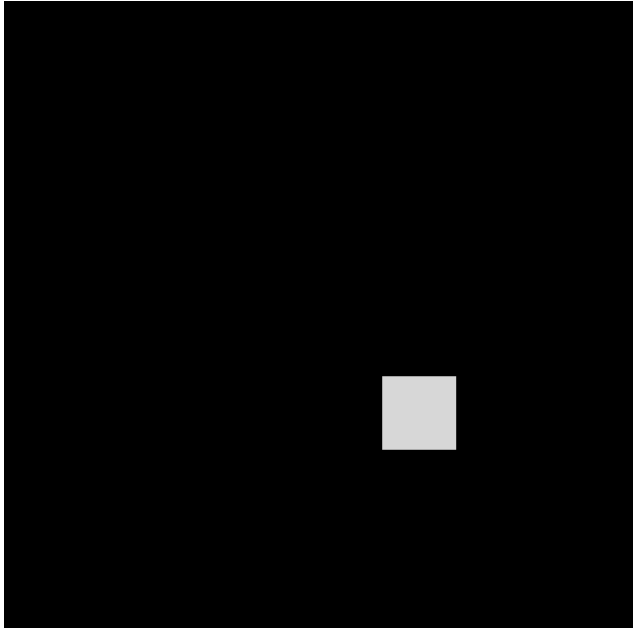
$g(x)$

Correlación en Imágenes Digitales



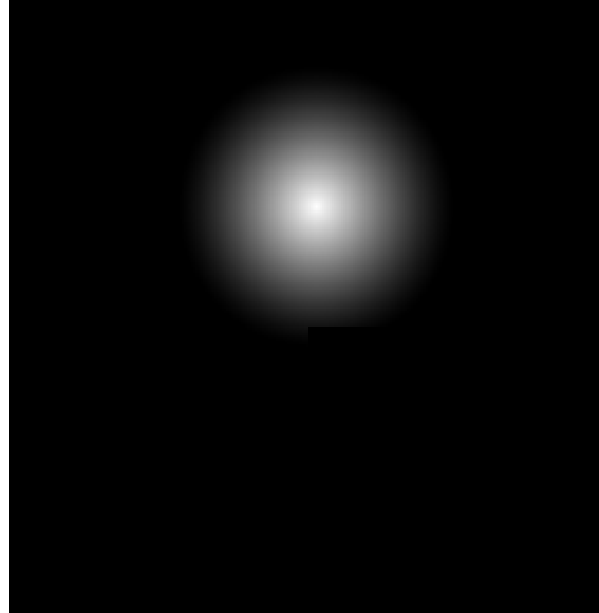
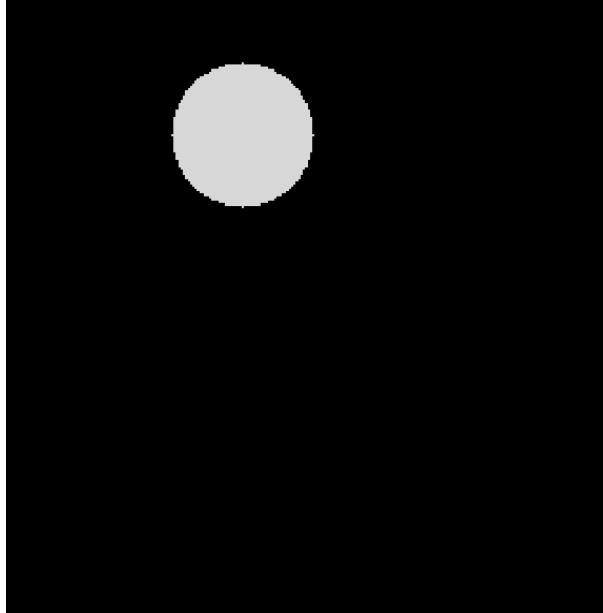
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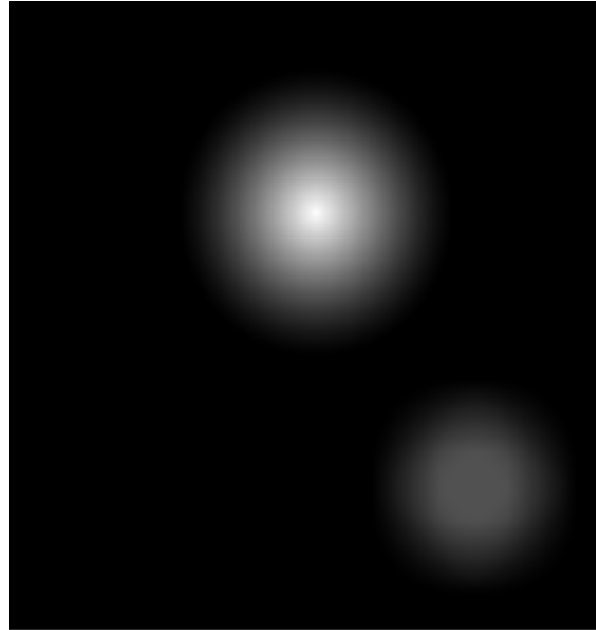
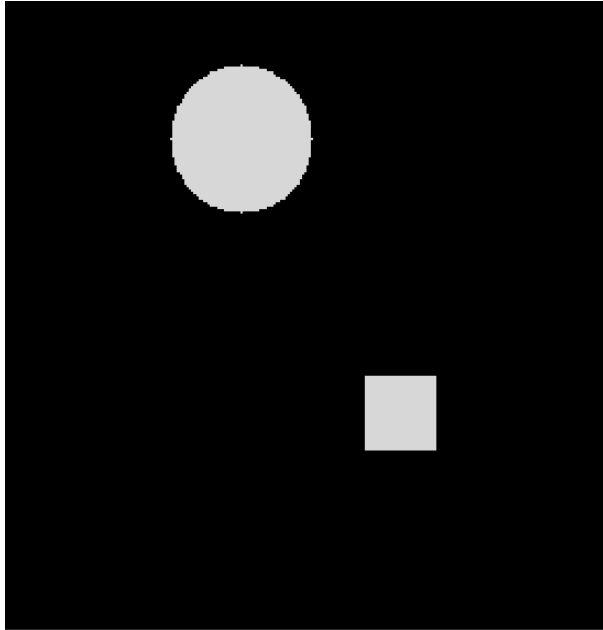
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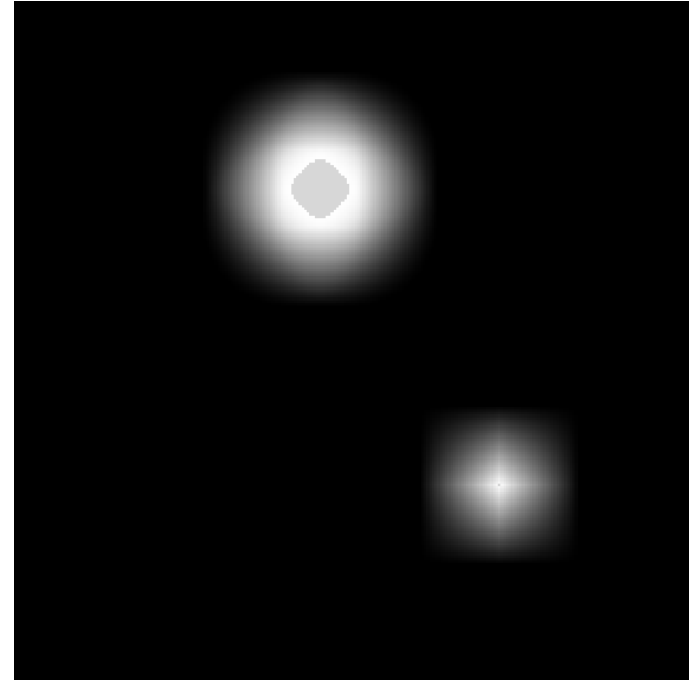
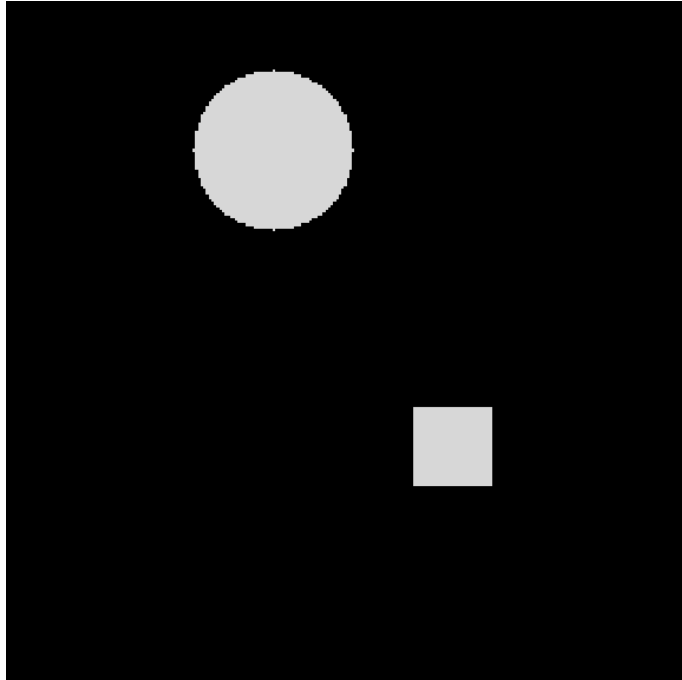
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