Fuzzy 10

Murat Osmanoglu

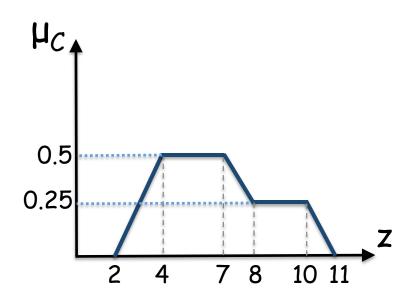
Mean of Maximum

$$z^* = (a + b) / 2$$
 where the membership function gets the maximum value at the interval [a, b]

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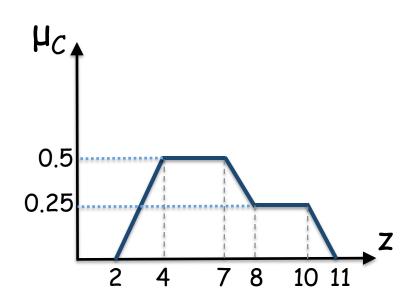
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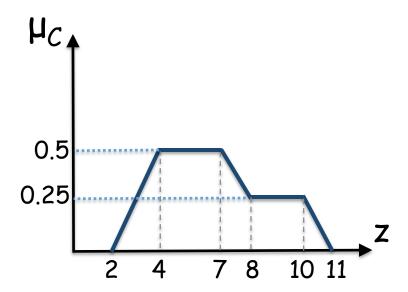
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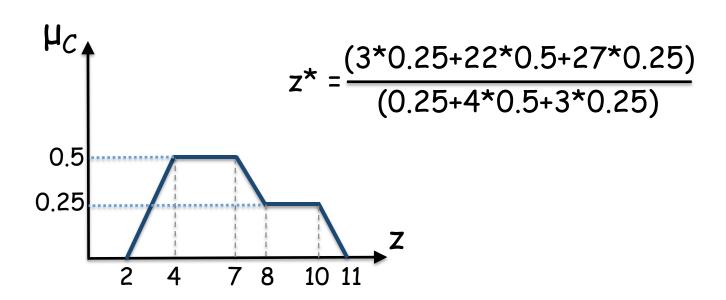
$$z^* = (4 + 7) / 2 = 5.5$$

$$z^* = (\sum \mu_{\mathcal{C}}(z_i).z_i)/(\sum \mu_{\mathcal{C}}(z_i))$$

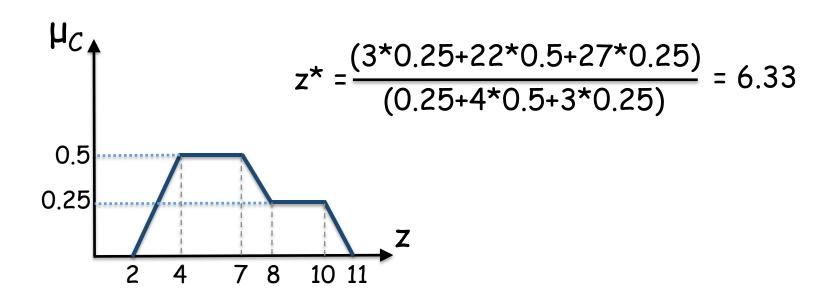
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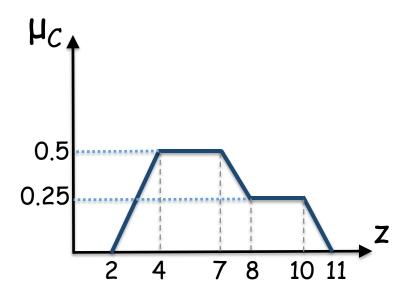


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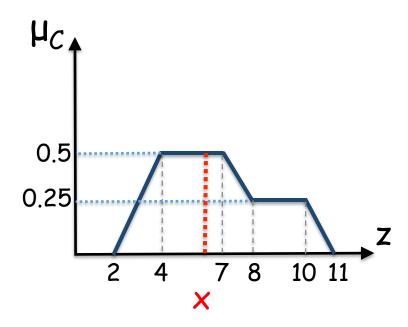


Bisector of Area

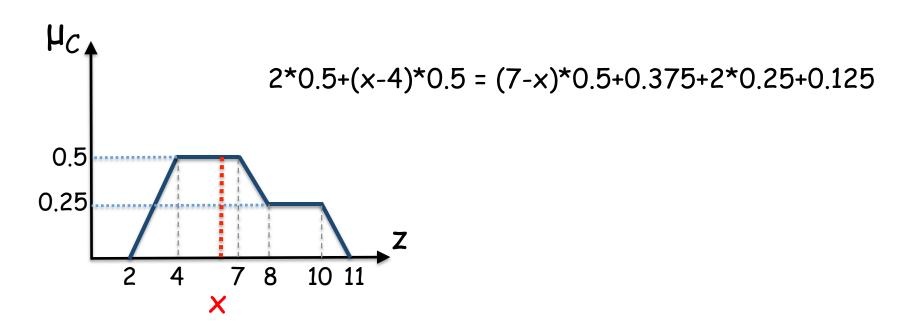
Bisector of Area



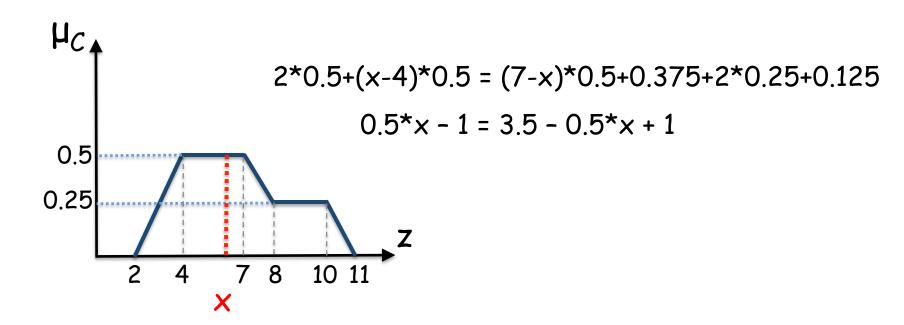
Bisector of Area



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