Types of smoothing	
1) Adapting Q th:	threshold T
- compute smoothed value is in we need to square	10 = 01
- compute smoothed value s; we need to specify the (pame of before) - Output = « computed pixel if computed pixel & mid pix	dle original / threshold image)
pinel from image	and in the second second
2) Median Graothing	Ma no no
- take all n nodes from the nxn matrix [2.]	$\frac{n_1 n_2 n_3}{n_4 n_5 n_6} - n_{11} n_{21} n_{31} n_{41} n_{11} n_{12} n_{13} n_{14} n_{15} n_{15$
put them in an away Vand take the median	no no no no no no no no
- take all n nodes from the nxn matrix (29.) put them in an away and take the median how to take the median? if (odd) away (2)	
élaif (wen) overage Corray	$\left(\frac{n}{2}\right) + a \operatorname{Way}\left(\frac{n+1}{2}\right)$
- replace the with the median	de la company de
3) Gaussian smoothing $T(r) = k \exp -\left(\frac{R^2}{2\nabla^2}\right) \times \frac{1}{2}$	hose r2-distance of the elem. from the centre V-viidth and size of the tempter
	V- width and size of the
	template
· O	
A a next on let in the second of	called leasn the set of vices

A rank filter will relect one value as the smoothed value from the set of pixele in a neighbourhood that have been ranked according to their magnitudes. They are computationally expensive, however, a rank fixing a square neighbourhood may be approximated by two applications of one dimensional rank filler