

1 algo?

data Your = Code Here

2 Work and Depth Table

- n sei die Anzahl der Bildpixel
- w sei die Bildbreite
- h sei die Bildhöhe
- p sei die Anzahl der PUs (gang members).

Table 1: Work and Depth complexities

function or variable	$O(W)$	$O(D)$
hbalance	$\max(n \log n, gmax)$	$\log \max(n, gmax)$

3 Calculating ?

$$\begin{aligned}
 W(?) &= W(?) + W(?) \\
 &\in O(\max(n \log n, gmax)) \\
 D(?) &= \max\{?, ?'\} \\
 &\in O(?)
 \end{aligned} \tag{1}$$

4 Other aspects e.g. sync-points, programmer workload, simplicity

- optimisations: ?
- progammer-workload: ?
- simplicity: ?