







Amdahi's Law: (to analyze scalability) used in poviable computing
used in parallel computing
· used to predict speedup when
· used to predict speedup when multiple processes are used.
Speedup = 1
(IAP)+Plm
8 → processors 30% → code parallelizable
30% -> code parallellzable
= 1.36
(1-0.3) + 0.3
8
o vory difficult to compute 'p' as we cannot do it according to compiler's working / pov.
unding look.
worder 9/pov
· Knaffected -> sequential Pontion.
of the former of the former.
> Kary- Flatt Metric;
used to colculate a serval
fraction for parallel configuration
· caters all the things that Amdahl?
Lawignore
■ e= 18-1P S: speedup
p: processing-unier

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Distributed System	are added
U	are added
Distributed Compute	ing -> deals middle
ware wi	the of dis?
Flynn's classica	Il Taxoramy
·) SI SD	
·) SIMD	7
MISD	
·) MIMD	
FIMD	
want on a such Hich	- alassifications:
Hordware architectu	ore conso fiction &
·) Flynn ·)	
<del>(***)                                  </del>	
And the Control of th	en de facto de Alexandro anticona estado de Sentido de Companyo de









