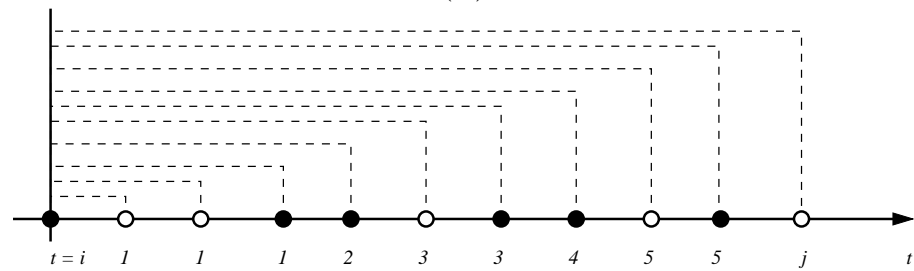
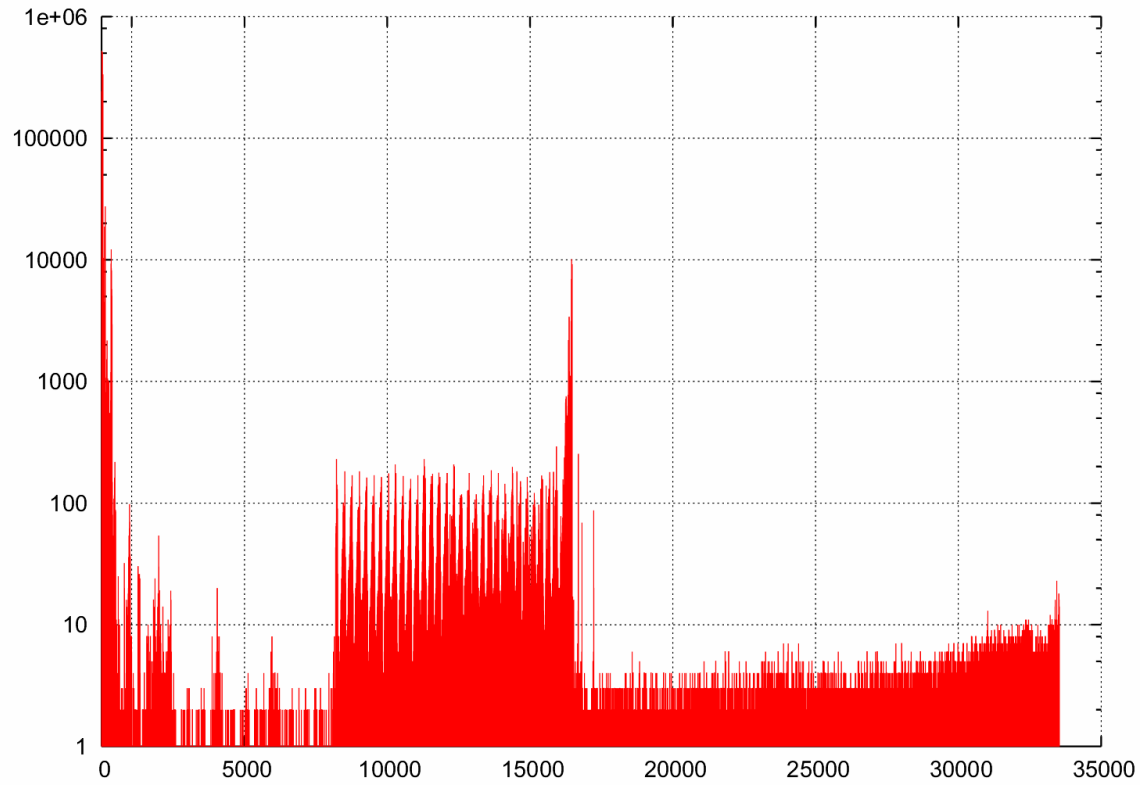


(a)



(b)

Figure 5.1: Two views on the rank: fixed pair and fixed time.

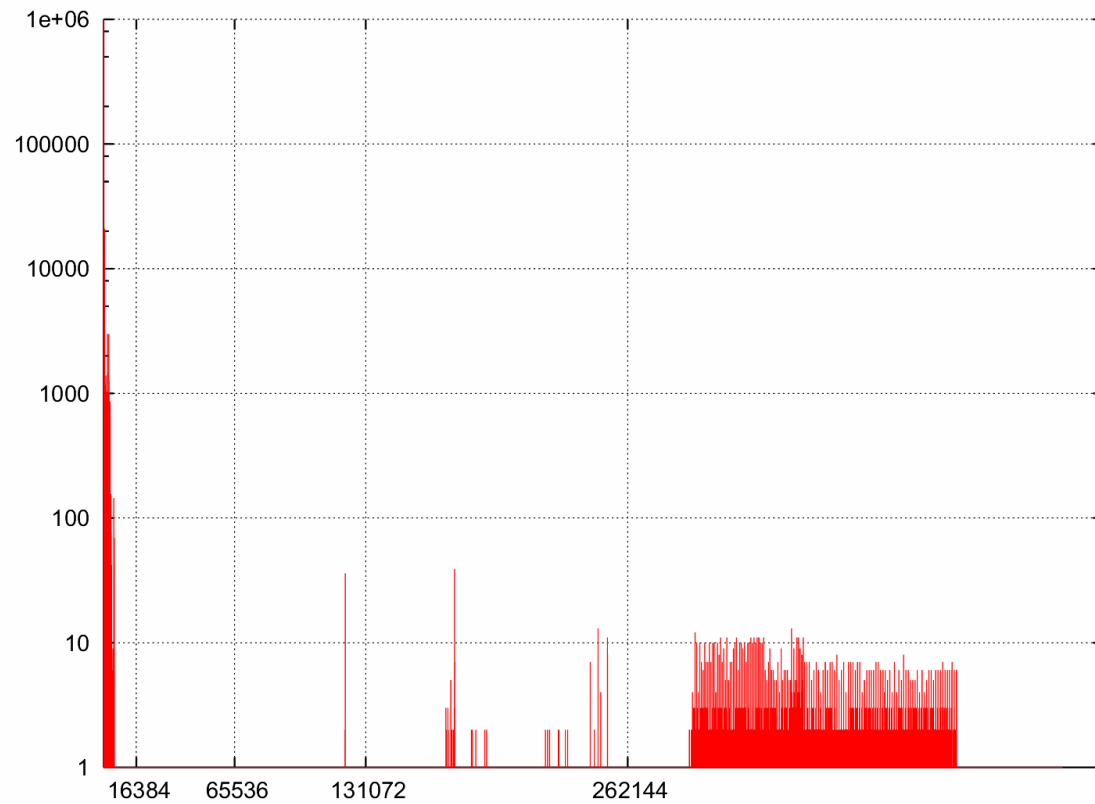



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SPEC	Hydro
purpose	fluid dynamics
pages	7 451 717
$x$ -axis	$\ell$
$y$ -axis	$c_\ell$ (log-scale)
$k$	1024 (4 MB)
$(\alpha, \beta)$	(16.002, 0.012)
$f(\alpha, \beta)$	2.16

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Figure 5.2: SPEC benchmark Hydro




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SPEC Nasa7

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purpose weather simulation

pages 31 764 036

$x$ -axis  $\ell$

$y$ -axis  $c_\ell$  (log-scale)

$k$  1024 (4 MB)

$(\alpha, \beta)$  (3.97, 0.6)

$f(\alpha, \beta)$  4.28

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Figure 5.3: SPEC benchmark Nasa7