Page Replacement Algorithms

| FIFO | LRU | OPT/MIN |

Table 1 **3** Page Frames

T / Sequence	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Page																				
Mem Frame 1																				
Mem Frame 2																				
Mem Frame 3																				
Page Fault?																				
Replacement?																				
Summary	Page Faults =			Page Replacements =			Miss Ratio = / = %			Hit Ratio = / = %										

Sequence /T: 页面访问序列 | Frame: 内存物理块 | Page Faults: 缺页中断 | Page Replacements: 页面置换 | Miss Ratio: 缺页率 | **请求分页式虚拟存储管理**

| FIFO | LRU | OPT/MIN |

Table 2 **4** Page Frames

T / Sequence	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Page																				
Mem Frame 1																				
Mem Frame 2																				
Mem Frame 3																				
Mem Frame 4																				
Page Fault?																				
Replacement?																				
Summary	Page Faults =			Page Replacements =			Miss Ratio = / = %			Hit Ratio = / = %										

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Mem Frame 2																				
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Page Fault?																				
Replacement?																				
Summary	Page Faults =			Page Replacements =			Miss Ratio = / = %				Hit Ratio = / = %								

Sequence /T: 页面访问序列 | Frame: 内存物理块 | Page Faults: 缺页中断 | Page Replacements: 页面置换 | Miss Ratio: 缺页率 | **请求分页式虚拟存储管理**

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Page																				
Mem Frame 1																				
Mem Frame 2																				
Mem Frame 3																				
Mem Frame 4																				
Page Fault?																				
Replacement?																				
Summary	Page Faults =			Page Replacements =			Miss Ratio = / = %				Hit Ratio = / = %								