# 处理机调度典型算法

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| 作业  算法 | 进程 | A | B | C | D | E | 平均时间 |
|  | 到达时间 | 0 | 1 | 2 | 3 | 4 |  |
| 服务时间 | 4 | 3 | 5 | 2 | 4 |

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| **HRRN** | 完成时间 | 4 | 7 | 14 | 9 | 18 |  |
| 周转时间 | 4 | 6 | 12 | 6 | 14 | 8.4 |
| 带权周转时间 | 1 | 2 | 2.4 | 3 | 3.5 | 2.38 |

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| **FCFS** | 完成时间 | 4 | 7 | 12 | 14 | 18 |  |
| 周转时间 | 4 | 6 | 10 | 11 | 14 | 9 |
| 带权周转时间 | 1 | 2 | 2 | 5.5 | 3.5 | 2.8 |

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| **SJF** | 完成时间 | 4 | 9 | 18 | 6 | 13 |  |
| 周转时间 | 4 | 8 | 16 | 3 | 9 | 8 |
| 带权周转时间 | 1 | 2.67 | 3.2 | 1.5 | 2.25 | 2.1 |

对比：

从整体来看，对于这一批作业，SJF算法更好一些，他的平均周转和带权周转都是时间最短的。

SJF对短作业有利，但不利于长作业。

从平均周转和平均带权周转时间来看，HRRN算法是介于FCFS和SJF两者之间的。