P97.2

对于每个里程碑，其最早开始时间、最晚开始时间表格如下：

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A | B | C | D | E | F | G | H | I | J | K | L |
| ve | 0 | 3 | 5 | 8 | 4 | 8 | 7 | 10 | 10 | 12 | 14 | 20 |
| vl | 0 | 3 | 9 | 8 | 7 | 12 | 10 | 13 | 10 | 12 | 17 | 20 |

那么对于每个活动，根据上表进行推算，得到各活动的最早开始时间、最晚开始时间以及时差：

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | AB | AC | AE | BD | BI | CF | DI | EG | FH | GH | GJ | HK | IJ | JL | JK | KL |
| 权 | 3 | 5 | 4 | 5 | 6 | 3 | 2 | 3 | 1 | 3 | 2 | 4 | 2 | 8 | 2 | 3 |
| ve | 0 | 0 | 0 | 3 | 3 | 5 | 8 | 4 | 8 | 7 | 7 | 10 | 10 | 12 | 14 | 14 |
| vl | 0 | 4 | 3 | 3 | 4 | 9 | 8 | 7 | 12 | 10 | 10 | 13 | 10 | 12 | 15 | 17 |
| 时差 | 0 | 4 | 3 | 0 | 1 | 4 | 0 | 3 | 4 | 3 | 3 | 3 | 0 | 0 | 1 | 3 |

其中AB、BD、DI、IJ与JL的时差为0，则关键路径为ABDIJL

P98.3

路径长度：

ABCEHL: 15

ABCEFIJL: 21

ABCEFIKL: 24

ABFEHL: 14

ABFIJL: 14

ABFIKL: 17

ABDGIJL: 16

ABDGIKL: 19

关键路径为：ABCEFIKL