1. 假定***A***3×3=和***B***3×3=都已加载到3×3×3处理器阵列上，试描述DNS算法的执行过程。

解：

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2. 描述用奇偶归约法并行求解如下三对角方程组的过程。

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2*x*1 | +*x*2 |  |  |  | =5 | ➀ |
| 4*x*1 | +2*x*2 | -2*x*3 |  |  | =4 | ➁ |
|  | 3*x*2 | -2*x*3 | +3*x*4 |  | =12 | ➂ |
|  |  | 2*x*3 | -3*x*4 | +4*x*5 | =7 | ➃ |
|  |  |  | 5*x*4 | -2*x*5 | =17 | ➄ |