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|--------|--------|--------|--------|--------|--------|--------|
| Yellow | Yellow | Yellow | Yellow | Yellow | Yellow | Yellow |
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| Orange | Yellow | Yellow | Yellow | Yellow | Yellow | Yellow |
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| Yellow | Yellow | Yellow | Yellow | Yellow | Yellow | Yellow |
| Orange | Yellow | Yellow | Yellow | Yellow | Yellow | Yellow |
| Orange | Yellow | Orange | Yellow | Orange | Yellow | Yellow |

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| Orange | Orange | Yellow | Yellow | Yellow | Yellow | Yellow |
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| Orange | Orange | Yellow | Yellow | Yellow | Yellow | Yellow |
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|               |                           | 0   | 0.55 | 1.1 | 1.7 | 2.2 | 2.8 | 3.3 |
|---------------|---------------------------|-----|------|-----|-----|-----|-----|-----|
| Q11*:MPI Book | Parallel Programming      | 0   | 0.55 | 1.1 | 1.7 | 2.2 | 2.8 | 3.3 |
|               | Using MPI                 | 3.9 | 4.4  | 5   | 5.5 | 6.1 | 6.6 | 7.2 |
|               | Parallel Programming in C | 7.8 | 8.3  | 8.9 | 9.4 | 10  | 11  | 11  |
|               | MPI: complete Ref         | 12  | 12   | 13  | 13  | 14  | 14  | 15  |
|               | (no book)                 | 16  | 16   | 17  | 17  | 18  | 18  | 19  |

  

|                    |  | No obstacles | Too many routines | No appropriate one | Complicated | Nobody to ask | Dislike API | other |
|--------------------|--|--------------|-------------------|--------------------|-------------|---------------|-------------|-------|
| Q19*:MPI Obstacles |  |              |                   |                    |             |               |             |       |