

**Algorithm Design**  
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John Wiley & Sons  
**Solution of Exercise R-10.9**

|     |    |    |   |   |   |
|-----|----|----|---|---|---|
| $p$ | 12 | 6  | 3 | 1 | 0 |
| $r$ | 1  | 12 | 8 | 5 | 1 |