





































2020

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	36	48	40%
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0

2

0  $Q_0 \times n$  $Q_0$ 

n

1

n

Q

3

0  $Q_0 \times P_1 \times (1 - n) - (P_1 - P_2 \times n) - n$  $Q_0$  $P_1$  $P_2$ 

n'

(

) Q

4

2

1

P  $P_0 \div 1 - n$  $P_0$ 

n

P

2

P



---

]  $\{0, 1, 2, \dots, n\}$

n

0

3

1

P  $P_0 \div 1$















1

2

12

12

12

2





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3

$Q \quad Q_0 \times n$

$Q_0$

$n$











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