

1.8

机器	程序1	程序2	程序3	程序4	AM	GM	HM
A	100	0.1	0.2	1	25.325	1.189	0.250
B	10	1	0.1	0.125	2.806	0.595	0.209
C	5	5	2	1	3.25	2.659	2.105

1.10

$$(1) 0.1 = 1 - (0.3 + 0.3 + f_3) + 0.3 \times \frac{1}{30} + 0.3 \times \frac{1}{20} + f_3 \times \frac{1}{10}$$

解得 $f_3 = 36.11\%$

$$(2) D = 1 - (0.3 + 0.3 + 0.2) + 0.3 \times \frac{1}{30} + 0.3 \times \frac{1}{20} + 0.2 \times \frac{1}{10} \\ = 0.245$$

$$f = \frac{1 - 0.3 - 0.3 - 0.2}{0.245} = 81.63\%$$