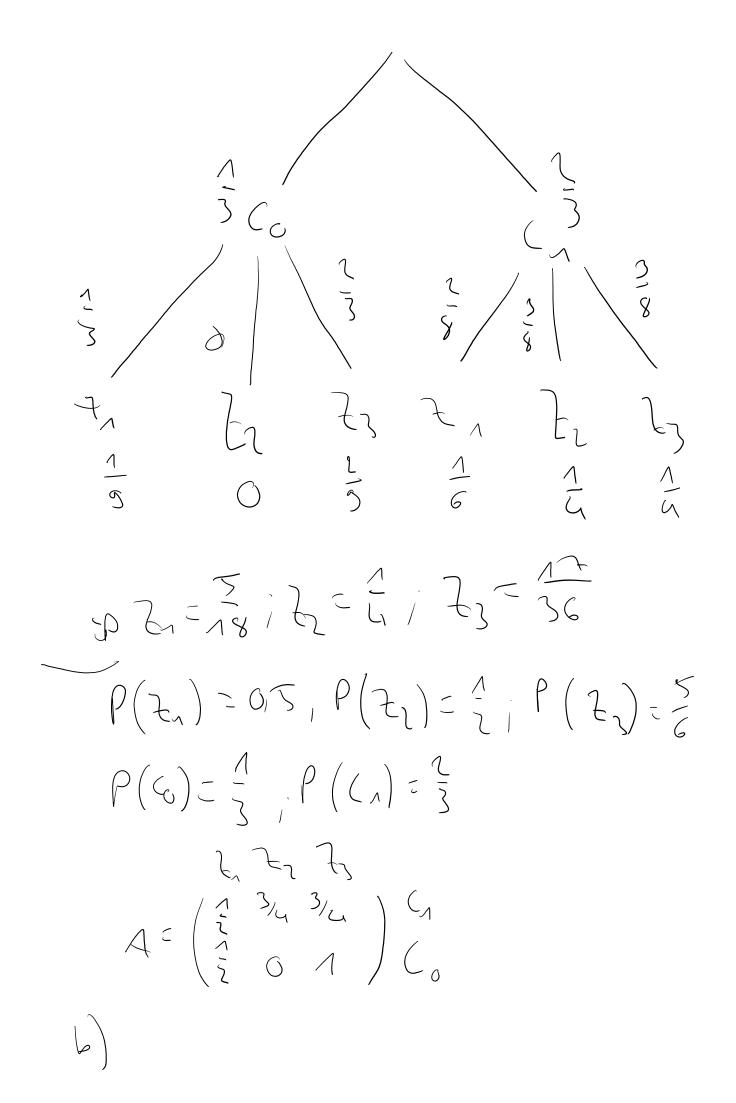
Donnerstag, 10. Dezember 2020



$$C) P(2/10/2) = \frac{1}{2}, P(2/2) = \frac{3}{2}, P(2/2) = \frac{3}{2}$$

$$P(C_{1}|t_{1}) = \frac{P(C_{1}) \cdot P(t_{1}|C_{1})}{P(t_{1})} = \frac{\frac{3}{3} \cdot \frac{1}{2}}{\frac{1}{2}} = \frac{2}{3}$$

$$P(C_{1}|t_{1}) = \frac{P(C_{1}) \cdot P(t_{2}|C_{1})}{P(t_{3})} = \frac{\frac{3}{3} \cdot \frac{1}{2}}{\frac{3}{2}} = \frac{2}{3}$$

$$P(M) = \frac{3}{5}$$
,  $P(M) = \frac{5}{5}$   
 $P(S|M) = 0, 15$ ,  $P(S|M) = 0, 85$   
 $P(S|M) = 0, 15$ ,  $P(S|M) = 0, 85$ 

$$P(M \mid S) = \frac{P(M) \cdot P(S \mid M)}{P(S)}$$

$$= \frac{P(m) \cdot P(s|m)}{P(m) \cdot P(s|m)} + P(m) \cdot P(s|m)$$

$$P(s,m) \qquad P(s,m)$$

$$=\frac{\frac{3}{3}}{\frac{1}{10}} = \frac{1}{\frac{1}{3}} = \frac{1}{100} =$$

=0 m = 57, 14°/0 manulich

(d)

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K	1	~	3	U	5	6
Ph				1/8		
	1/8	$\bigcirc$	1/8	1/4	3/8	1/8
$\smile$	1/8	1/6	1/6	1/6	1/6	1/6
	ph	Ph	Ph	$\mathbb{L}$	ρh	
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