TIS – Računske naloge: Medsebojna informacija – rešitve

	70,14.0,5			
λo	9/1	DA	NE	
	04	0042	0,528	63
:	NE	0-008	6.635	0.1
		0,05	0-95	1

$$T(R;S) = H(R) - H(R|S) = \frac{0.86486.7}{14(R) = 14(0.602, 0.398)} = 0.96386.7$$

$$H(R) = H(0.99, 0.01) = 0.0908$$

$$H(R|S = 1) = H(0.99, 6.02) = 0.1419$$

$$H(R|S) = 0.6.0.0808 + 0.4.0.1419 = 0.105$$

$$T(s_1 N) = H(s) + H(N) - H(s_1 N)$$

$$= H(\frac{7}{76} (\frac{13}{76}) + H(\frac{7}{76} (\frac{13}{76})) - H(\frac{7}{76} (\frac{1}{76} (\frac{13}{76}) \frac{10}{76})$$

$$= 0.6962 + 0.8960 - 1.5016 = 0.09666 + 1$$