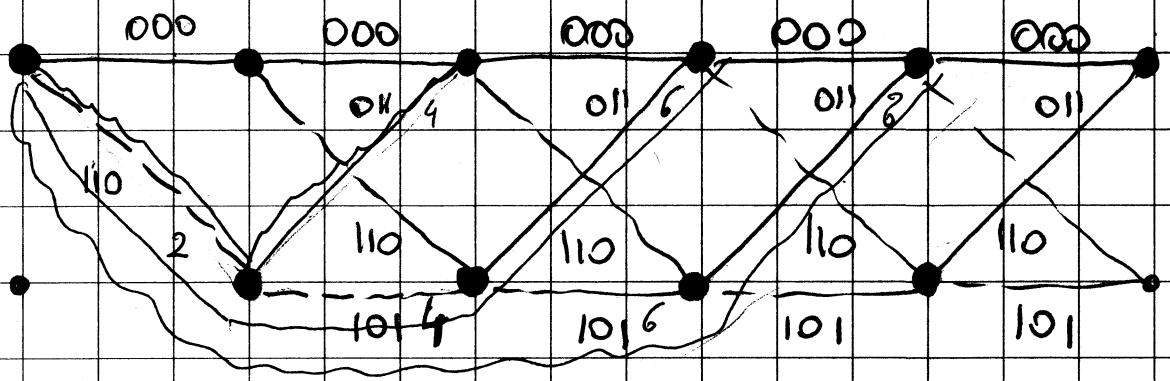
THA 10/7/03



Errore lungo 2 → $d = 4$ → 110 011 000 000

Errore lungo 3 → $d = 6$ → 110 101 110 000

Errore lungo 4 → $d = 8$ → 110 101 101 011

$d_1 = 4 \Rightarrow$ 1 bit SBAGLIATO

$d_2 = 6 \Rightarrow$ 2 bit ε

$d_3 = 8 \Rightarrow$ 3 bit ε

$$P_b(E) \cong 1 \cdot Q\left(\sqrt{\frac{2E_b}{N_0}\,4R}\right) + 1 \cdot 2\, Q\left(\sqrt{\frac{2E_b}{N_0}\,6R}\right) + 1 \cdot 3\, Q\left(\sqrt{\frac{2E_b}{N_0}\cdot 8R_0}\right) + \cdots\cdots$$