5)
$$N_3$$
 140 with Sometor 1 with => $P(\delta) = 1/140 = 0.007$
NOXHOR $P(+|\bar{\delta}) = 0.02$, $P(-|\bar{\delta}) = 0.08$, $P(\bar{\delta}) = |-0.007 = 0.993$
 $P(+|\delta) = 0.98$, $P(-|\bar{\delta}) = 0.92$ = 0.993
1) Tocheolob. 3 means: -++
 $P(\delta) = 0.98$. $P(-|\delta) = 0.98$

$$= \frac{0.08 \cdot 0.007}{0.08 \cdot 0.007 + 0.92 \cdot 0.993}$$

= 0,0006

Используем эту вер-ть апостериорию Как в-ть быть больным $\left(\delta\right) = \frac{P(+|\delta)P(\delta)}{P(+)}$

$$P(\delta | +) = \frac{P(+|\delta)P(\delta)}{P(+)}$$

$$= \frac{P(+|\delta)P(\delta|-)}{P(+|\delta)P(\delta|-)+P(+|\delta)(1-P(\delta|-))} =$$

$$0,98.0,0006$$

| Tobmopuy mo ke cause
P(δ|+,+-) =
$$\frac{0.98 \cdot 0.03}{0.93 \cdot 0.03 + 0.02 \cdot 0.97}$$
 = = 0,6
= Nckowas bep_ms P=0,6
| Thereps Opyras cumyayus: ++--
P(δ|+) = $\frac{P(+|\delta)P(\delta)}{P(+|\delta)P(\delta)}$ = $\frac{0.98 \cdot 0.007}{0.98 \cdot 0.007 + 0.02 \cdot 0.993}$ = 0,26
= 0,98 · 0,26 = 0,98 · 0,26 + 0.02 · 0.74
= 0,95
P(δ|-,++) = $\frac{0.98 \cdot 0.26}{0.95 \cdot 0.95 + 0.92 \cdot 0.05}$ = 0,08 · 0,95 + 0,92 · 0.05
= 0,62

| Orda & Lon Cyyae
$$P = 0.6$$

& Dom $P = 0.62$

| 3 Hezabucumax Tecma, nocemo nepernoxum

 $P(\delta|-) = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)}{P(-1\delta)P(-1\delta)P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)P(\delta)}{P(-1\delta)P(-1\delta)P(-1\delta)P(-1\delta)P(-1\delta)} = \frac{P(-1\delta)P(\delta)P(-1\delta$