

Решения

628

①

1) Получали ли доп. информацию?

2-7) Объявлял большую или малую связь?

Сколько

A) Получена доп. информация

B) Доп. информация уже положительный результат

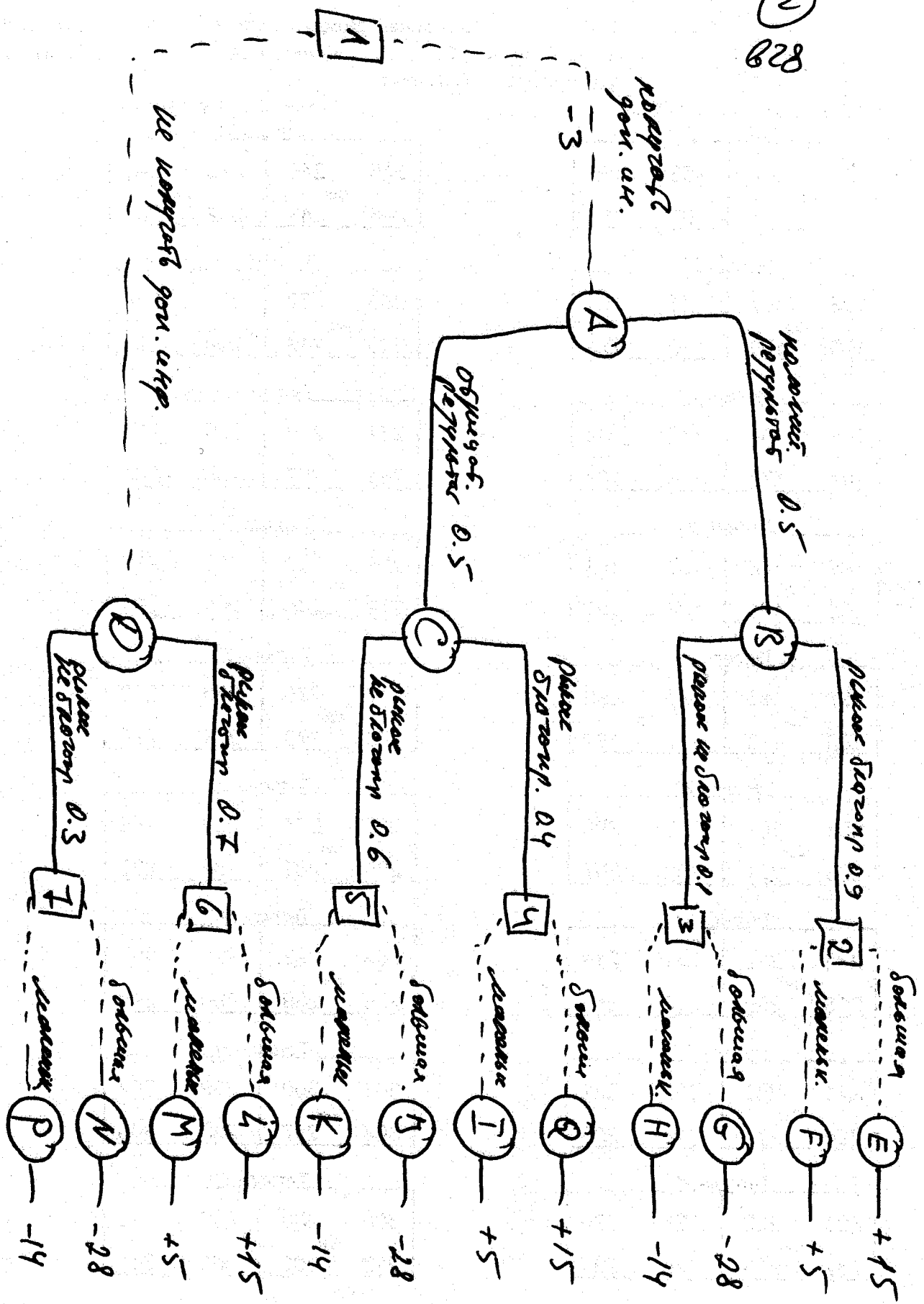
C) Доп. информация уже отрицательный результат

D) Доп. информация не получена

E, G, Q, 3, 4, N) По объявлял большая связь

F, H, I, K, M, P) объявлял малая связь

829 (2)



we report you. up.

report you. up.

do not report you. up.

report you. up. 0.5

do not report you. up. 0.9

report you. up. 0.4

do not report you. up. 0.6

report you. up. 0.1

do not report you. up. 0.7

report you. up. 0.3

report you. up. +15

do not report you. up. +5

report you. up. -14

do not report you. up. +5

report you. up. +5

do not report you. up. -28

report you. up. -14

do not report you. up. +15

report you. up. +5

do not report you. up. -28

report you. up. -14

$$EMV(E) = EMV(Q) = EMV(L) = +15 \text{ (max. payoff)}$$

$$EMV(F) = EMV(I) = EMV(M) = +5 \text{ (max. payoff)}$$

$$EMV(G) = EMV(J) = EMV(N) = -28$$

$$EMV(H) = EMV(K) = EMV(P) = -14$$

$$EMV(2) = EMV(4) = EMV(6) = \max(+15, +5) = +15$$

$$EMV(3) = EMV(5) = EMV(7) = \max(-28, -14) = -14$$

$$EMV(B) = \max(0.9 \times EMV(2), 0.1 \times EMV(3)) = \\ = \max(0.9 \times 15, 0.1 \times (-14)) = 13.5$$

$$EMV(C) = \max(0.4 \times EMV(4), 0.6 \times EMV(5)) = \\ = \max(0.4 \times 15, 0.6 \times (-14)) = 6$$

$$EMV(D) = \cancel{\max(0.7 \times 15,)} \\ = \max(0.7 \times EMV(6), 0.3 \times EMV(7)) = \\ = \max(0.7 \times 15, 0.3 \times (-14)) = 10.5$$

$$\cancel{EMV(1) = \max(EMV(A) - 3, EMV(D)) =} \\ = \max($$

$$EMV(A) = \max(0.5 \times EMV(B), 0.5 \times EMV(C)) = \\ = \max(0.5 \times 13.5, 0.5 \times 6) = 6.75$$

$$EMV(1) = \max(EMV(A) - 3, EMV(D)) = \\ = \max(6.75 - 3, 10.5) = 10.5$$

1) Решение более кучно и лучше, так как  $EMV(A) < EMV(D)$   
не следует, т.к.  $EMV(A) < EMV(D)$

2) Следует выбирать более высокую ставку,

т.к. среди исходов L, M, N, P

? ~~самая высокая~~

самое большое значение

$EMV$  имеет исход L

3) ~~Вывод~~ Оптимальная стоимостная  
оценка наилучшего решения 10.5