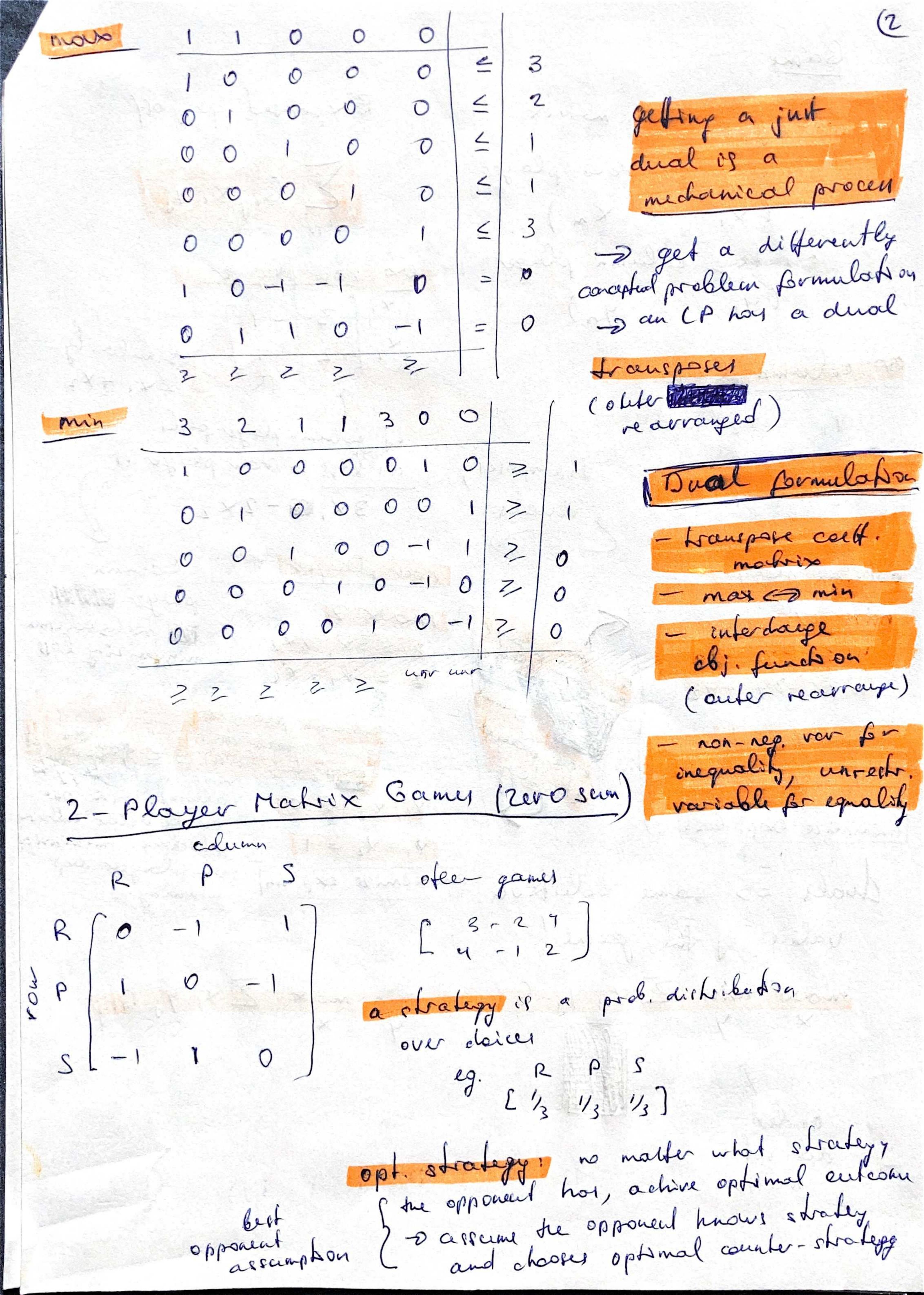
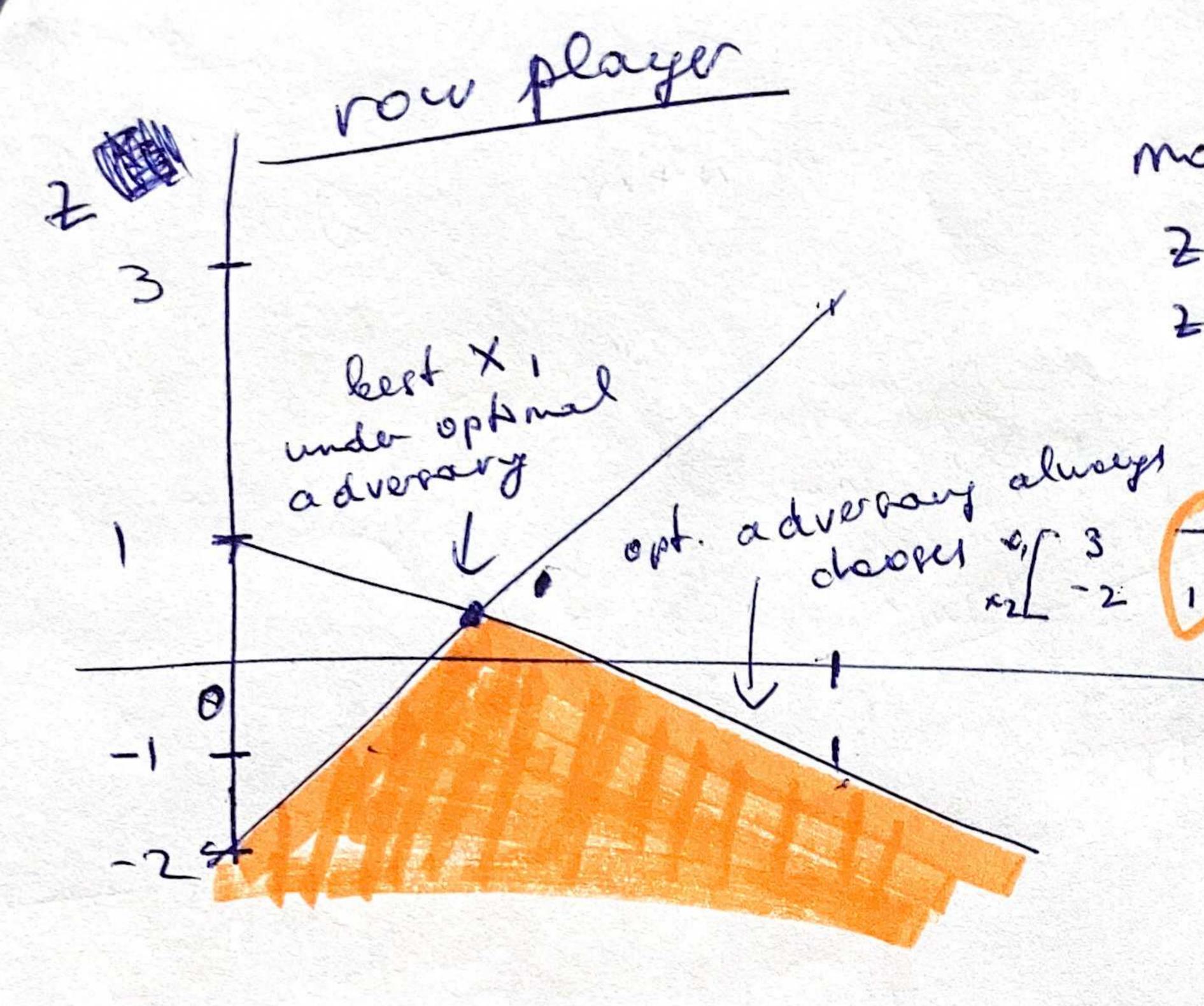
Mouro Plan = Alg's flow = Alg's out = min out = mouro
plon =7 more flow = min out and algorithm returns it, is correct Manuel note on aut conthruction short with I, keep including nodes into V, where flour van still be pushed from V. Duality [ man into now problem, and vice vera) S  $\frac{3}{2}$   $\frac{4}{3}$   $\frac{1}{3}$   $\frac{1}{3}$ 5 2 moro plonon fas mon cut Te = 1 of crooses out 4SA - FAB-FAL UA = 1 of A is on the sect with S o otherwise fsetfas -far min 3 ys 4 + 2 ys 8 + 4 ys + 4 ys + 3 ys = + UA >1 - 44 4 4 B > 0



Game Bepected payout Gij = mxn mohix . strateay for vour player Eij Kiyj (x, ... Xm) strateg column player ers vou plager \*1 [3] -1] similarly (41 -- 4n) lor. column player 7/5-4142 if column player picht its loss to now player of Transboth 3×, 1 - 2×2 duals 0 row player column column player player more 2 minimizing loss min W 2 & 3x, -2 × 2 w 3 7, - 72 2 5-4, + x2 W2 -27, +72 column plouger guarantees troit exopected win 18 & Monneley b row player 4, 4 42 = 1 sholegy 4, 142 20 celeverys prich our X1, V2 2-0 or the other column minimize exp. Coss) whicherer mimiming ¥, + X2 = 1 row player exp. morcimize exp. win Awals => same solution winning value of the grane! more min ZxiY; Gij = min more ZxiY; Gij order



Column player

37, - 42 = -27, + 42

54,5242

valent:  $\left(\frac{7}{7}\right)$ 

Solve gami  $3x_1 - 2x_2 = -x_1 + x_2$   $4x_1 = 3x_2$   $x_1 = \frac{3}{2} \times 2 = \frac{4}{2}$ value:  $-\frac{3}{2} + \frac{4}{2} = \frac{1}{2}$ 

chuels: player perspectives

5 3x, -2x,

x1, X2 2