Solution by Daniel Krauthgamer 89 - 3 2003 1 ofto (0) 10.2, [03-N/30 may 202n 1/3) 3/21 Joseph m-2 prov n sk (n,m) & IN- 203 PG - 'D(N'O 'C)k אני אם היקס ההפוך קיים אצ מבח. OCNO NOS INCO CO 12 OPPORTED DALVE Sh (y,2), (x,y) EDP16 '> 10101 '>CN'0.2 12000 5 SULY X NOW (X'S) (X) CONC UDINO . G R 51'2'('5) X2 8210 W 1 € ((1,2), (4,0)) ((6,1)) \$ 1 T > ((y,x), (x,y)) P2 T > ((x,y), (y,x)) P1 > .2610 c (1) उस अभिक् पर्वितं Tiline 3

Solution by Daniel Krauthgamer

A:
$$|A_1| = ||R||| = |C|| = |C||$$

A: $|A_1| = |R|| = |C|| = |C||$

A: $|A_3| = |A_3| = |A_3|$

$$|B| = |R| = 0$$

$$|B| = 0$$

$$|B$$

a 26 (c

$$\frac{\alpha!}{(2!)^{4}} = 22,680$$

$$\frac{8!}{2^3} = 7! = 5000$$

$$4 \times \frac{6!}{2} = 360$$

22,680 - 4.5040 + 1260.6 - 360.4 + 120 = 8760

$$(\lambda + 6)(\lambda + a) = 0$$

$$\lambda^{2} - 4\lambda + \lambda = 0$$

$$(\lambda + 6)(\lambda + a) = 0 \qquad \lambda = 6, \lambda = -a$$

$$A6^n + B(-a)^n = a_n$$

$$Q_n = \frac{1}{3}6^n - \frac{1}{3}(-3)^n + \frac{1}{3}$$