

			2	
		0	1.323 x103	976.35
			≈0	≈0 (0.
POINT 1	50	50	1.321 X103	898.35
			≈ 78	≈ 73.3
POINT 2	70	-70	1.351 × 103	871.75
	(13)		≈ 109.8	102.12
			9	
POINT 3	9000	90_	1.381 x 103	840.82
			~ 144	~132
		1999		
POINT 4	110	110	1.413×103	812.15
		(197)	≈174	≈162
POINT 5	130	130	1.440×103	783.75
		100	≈ 208.7	≈189
POINT 6	150	150	1.481 × 103	754.6
			≈ 241.7	≈ 219

```
1) > Parametric Matrix: (need to find)
a=
          50, 2, 1, 0, 0, 0, -3810, -3893, -158,
                  0, 50, 50, 2, 1, -3680, -3675,
          70, 2, 1, 0, 0, 0, -7661, -7661, -221,
                 0, 70, 70, 2, 1, -7121, -7121, -201, -102
               2, 1, 0, 0, 0, 0, -12958, -12958, -286, -144
           0, 0, 0, 90, 90, 2,1, -11881, -11881, -261, -131
           110, 2, 1, 0, 0, 0, 0, -19139, -19139, -348,
           0, 0, 0, 110, 110, 2, 1, -17820, -17820, -304, -162
           130, 2, 1, 0, 0, 0, 0, -27103, -27103, -415,
               0, 0, 130, 130, 2, 1, -18073, -18073, -375, -185
       150, 150, 2, 1, 0, 0, 0, 0, -36221, -36221, -480, -240
              9 0, 150, 150, 2, 1, - 32851, - 32851, - 436,
                manually Calculated Corordinates into a numpy array.
   -> ATAP= AP
       2500, 0, 140, 0, 0, 0, 0, 0, -507000, 0, -23400, 0
        0, 0, 0, 4500, 0, 220, 0, -477150, 0, -22200, 0
      140, 0, 4, 0, 0, 0, 0, 0, -15330, 0, -440, 0
       0, 0, 0, 70, 0, 2, 0, -7123, 0, -204,
       0, 4500, 0, 70, 0, 0, 0, 0, -1684800, 0, -21600
       0, 0, 0, 0, 8,00, 0, 110, 0, -1544,00, 0, -19800
      0, 220, 0, 2, 0, 0, 0, 0, 0, -38280, 0, -348
       0, 0, 0, 0, 0, 110, 0, 1, 0, -17820, 0, -162
      -507000, -477700, -15330, -7123, 0,0,0,0,73468100, 18978730
                                           5142050, 6865650
      0,0,0,0,-1684800,-1544400,-38280,-17820, 489787300, 36 524900,
                                           02980cg , 050669El
    -23400, -22200, -440, -204, 0101010, 17142050, 13693050, 234256, 105996
      0,01010, -2160, -1980, -34 8 1-162,68 65650, 6208650, 105996, 47961
```

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1

-> finally, Parametric motive will be -50700, -477750, -15330, -7123 -1684800, -1544400, -38280, -17820 -507000, -1684800, -23400, -21600 -> aR factoritation: (used online tool to find the values 42960750 - 12861678 -213986 -10978161 -10988360 -182836 -12960750 -12960750 -214340 -> Calculate translation matrix P14 1731140,041349 2019863.140316 44947.10506 -1172315,41259 -12250.13636 0 - 3610. 61157 -7123 Translation matrin= -17820 21600

