| 1.12  | TAT  | A    |
|-------|------|------|
| Lab 3 | SIAI | ISIA |

|         | 707 71   | 41 17 14 | i    |      |          |             |              |  |  |
|---------|--|----------|------|------|----------|-------------|--------------|--|--|
| Pota    | Table  |          |      | l de |          |             | 1 6          |  |  |
|         | X  | Y        | XiYi | Xì ² | Ŷŧ       | Et = Yi- fi | ŧ1°          |  |  |
|         | 2  | 315      | 17.5 | N5   | 3,599048 | -0.04904762 | 010015247166 |  |  |
|         | Ь  | 3,8      | 2218 | 36   | 3,750476 | 0.04952381  | 0.0024326077 |  |  |
|         | 3  | 311      | 9,3  | 9    | 3,116190 | -6.01619048 | 0.0003621515 |  |  |
|         | 7  | 4        | 28   | 49   | 3,961905 | 0.03809524  | 0,0014512472 |  |  |
|         | 4  | 412      | 1218 | 16   | 3,327619 | 2061942110- | 0.0162866217 |  |  |
|         | 7  | 3        | ь    | 4    | 2904762  | 0.095>4810  | 0.0090702948 |  |  |
| Step 0: | $B = \frac{\sum_{i=1}^{b} x_i \gamma_i - n \overline{x} \overline{\gamma}}{\sum_{i=1}^{b} x_i^2 - n \overline{x}^2}  \text{where } x = [5 \cdot 6 \cdot 3, 7 \cdot 4, 2]  ,  \overline{x} = \frac{5 + 64 \cdot + 72}{6} = 4.5$ $B = \frac{9 \cdot 4 - 6 \cdot 4 \cdot 5 \cdot 3 \cdot 433}{139 - 6 \cdot (4 \cdot 5)^2} = 0.2114286$ |          |      |      |          |             |              |  |  |
|         | Ÿ= A+ BX => A= Ÿ- BX = 3,433 - 0,2114286, 4,5<br>= >,481905  |          |      |      |          |             |              |  |  |
| Step ©  | Ý1 = A + BX7 => Ý1 = 21481905 + 5.01414286 = 3,549048  |          |      |      |          |             |              |  |  |
|         | \$2 = 21481802 + 4.01211128p = 317704 + P  |          |      |      |          |             |              |  |  |
|         | \$ = 21481905+3-0-2114286 = 3,116190   |          |      |      |          |             |              |  |  |
| n u     | Tu = 2.481905+7.0.2114386 = 3,961905   |          |      |      |          |             |              |  |  |
|         | Ýz = 24819 = 5+4.0-2114286 = 4,327619  |          |      |      |          |             |              |  |  |
|         | TI = 214819 05+ 2.0.2114286 = 2,904762   |          |      |      |          |             |              |  |  |
|         | Ei = Yi- Pi => E1 = 3.5 - 3.539048 = -203904762  |          |      |      |          |             |              |  |  |
|         | Ez= 3,8 - 3,750476 = 0,04952981  |          |      |      |          |             |              |  |  |