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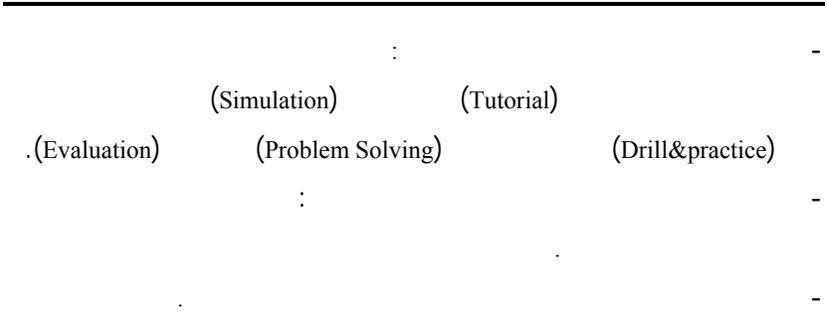
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(Robertson,et al.,1995)



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(Wang&Chan,p159,1995)

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| 83  | 37 | 46  |  |
| 113 | 39 | 74  |  |
| 196 | 76 | 120 |  |

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| 62  | 37  | 25 |  |
| 134 | 82  | 52 |  |
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( Pearson )

$$r = \frac{(\sum x)(\sum y) - \sum xy}{\sqrt{[\sum x^2 - \frac{(\sum x)^2}{n}][\sum y^2 - \frac{(\sum y)^2}{n}]}}$$

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| 1.96 | %52.53 | 25.22 | 195 |  |
| 2.86 | %53.4  | 43.26 | 182 |  |
| 6.12 | %62.93 | 26.43 | 164 |  |
| 7.68 | %54.82 | 93.75 | 154 |  |

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(7.68)

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(%62.93)

( % 52.53)

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|       |       |    |       |       |    |        |       |    |
|       |       |    |       |       |    |        |       |    |
| %44.3 | 1.327 | 55 | %36.4 | 1.092 | 17 | %17.27 | 0.518 | 5  |
| %45.3 | 1.362 | 56 | %38.5 | 1.155 | 21 | %25.37 | 0.761 | 3  |
| %46   | 1.383 | 50 | %39.8 | 1.195 | 22 | %29.79 | 0.899 | 15 |
| %49.2 | 1.477 | 48 | %40.3 | 1.210 | 28 | %38.57 | 1.157 | 1  |
| %49.5 | 1.485 | 52 | %41.3 | 1.240 | 37 | %41.13 | 1.234 | 16 |
| %51.7 | 1.553 | 49 | %42.5 | 1.265 | 27 | %41.63 | 1.249 | 13 |

|       |       |    |       |       |    |        |       |    |
|-------|-------|----|-------|-------|----|--------|-------|----|
| %57.3 | 1.718 | 45 | %42.5 | 1.276 | 24 | %46.7  | 1.401 | 12 |
| %65.4 | 1.963 | 51 | %45   | 1.352 | 39 | %48.73 | 1.462 | 9  |
| %66.3 | 1.990 | 47 | %45.3 | 1.359 | 36 | %48.73 | 1.462 | 7  |
| %69.7 | 2.090 | 54 | %45.9 | 1.378 | 23 | %54.3  | 1.629 | 10 |
| %82.6 | 2.479 | 44 | %46.1 | 1.383 | 33 | %54.83 | 1.645 | 4  |
| %82.7 | 2.482 | 53 | %46.4 | 1.392 | 31 | %63.47 | 1.904 | 6  |

|     |      |    |       |       |    |        |       |    |
|-----|------|----|-------|-------|----|--------|-------|----|
| %83 | 2.90 | 46 | %46.6 | 1.397 | 41 | %68.03 | 2.041 | 11 |
|     |      |    | %46.7 | 1.402 | 25 | %75.63 | 2.269 | 14 |
|     |      |    | %47   | 1.406 | 40 | %87.3  | 2.619 | 2  |
|     |      |    | %47.2 | 1.415 | 38 | %96.43 | 2.893 | 8  |
|     |      |    | %50.5 | 1.515 | 29 |        |       |    |
|     |      |    | %50.7 | 1.520 | 19 |        |       |    |
|     |      |    | %51   | 1.531 | 42 |        |       |    |
|     |      |    | %51.3 | 1.541 | 43 |        |       |    |
|     |      |    | %51.9 | 1.557 | 32 |        |       |    |
|     |      |    | %54.9 | 1.648 | 35 |        |       |    |
|     |      |    | %54.9 | 1.653 | 18 |        |       |    |
|     |      |    | %59.5 | 1.725 | 31 |        |       |    |
|     |      |    | %59.2 | 1.776 | 26 |        |       |    |
|     |      |    | %69.7 | 2.092 | 20 |        |       |    |
|     |      |    | %79.3 | 2.378 | 34 |        |       |    |

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| 0.271 | 193 | 1.104 | 5.18 | 25.76 |  |  |
|       |     |       | 6.25 | 24.82 |  |  |
| 0.015 | 179 | 2.457 | 6.29 | 41.99 |  |  |
|       |     |       | 5.83 | 44.21 |  |  |
| 0.002 | 161 | 3.211 | 2.73 | 25.65 |  |  |
|       |     |       | 2.83 | 27.06 |  |  |
| 0.185 | 151 | 1.331 | 9.56 | 93.60 |  |  |
|       |     |       | 9.11 | 95.61 |  |  |

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 (9.11) (%55.91)  
 (%54.74) (93.6)  
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| 0.922 | 194 | 0.098 | 6.16 | 25.21 |  |  |
|       |     |       | 5.75 | 25.30 |  |  |
| 0.000 | 180 | 5.008 | 5.98 | 46.38 |  |  |
|       |     |       | 5.64 | 41.80 |  |  |
| 0.045 | 162 | 2.016 | 2.59 | 27.05 |  |  |
|       |     |       | 2.94 | 26.11 |  |  |
| 0.000 | 152 | 3.939 | 8.12 | 98.84 |  |  |
|       |     |       | 9.44 | 92.76 |  |  |

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| 0.387 | 194 | 0.867 | 6.56 | 24.82 |  |  |
|       |     |       | 5.38 | 25.56 |  |  |
| 0.418 | 180 | 0.811 | 5.46 | 43.74 |  |  |
|       |     |       | 6.49 | 42.97 |  |  |
| 0.039 | 162 | 2.085 | 3.18 | 27.03 |  |  |
|       |     |       | 2.61 | 26.08 |  |  |
| 0.690 | 152 | 0.400 | 9.82 | 95.18 |  |  |
|       |     |       | 9.26 | 94.55 |  |  |

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(%55.66 )

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| 0.611 | 194 | 0.510 | 6.29 | 25.10 |  |  |
|       |     |       | 5.15 | 25.54 |  |  |
| 0.334 | 180 | 0.969 | 5.85 | 42.91 |  |  |
|       |     |       | 6.53 | 43.81 |  |  |
| 0.340 | 162 | 0.956 | 2.63 | 26.60 |  |  |
|       |     |       | 3.17 | 26.17 |  |  |
| 0.826 | 152 | 0.217 | 9.20 | 94.64 |  |  |
|       |     |       | 9.88 | 94.98 |  |  |

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(%55.35)

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|          |         | (9.20)    |
| (%55.54) | (94.98) |           |
|          |         | .(9.88)   |
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Sadousk, 1983)

(. Robertson et al., 1995)

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Stasz et., al.,1985 (1997)

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| :        |      | (1995)     | -    |
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|          |      | (1989)     | -    |
| .153     | -137 |            |      |
|          |      | (1998)     | -    |
| (18)     |      |            |      |
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| .121-114 |      | (34)       |      |

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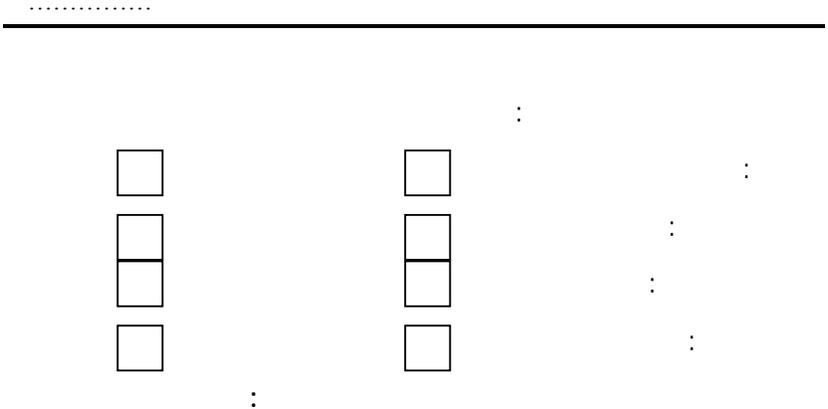
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| .474-431 | 12 | (1999)    | -   |
|          |    | .214-171- | (8) |
|          |    | (1989 )   | -   |

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