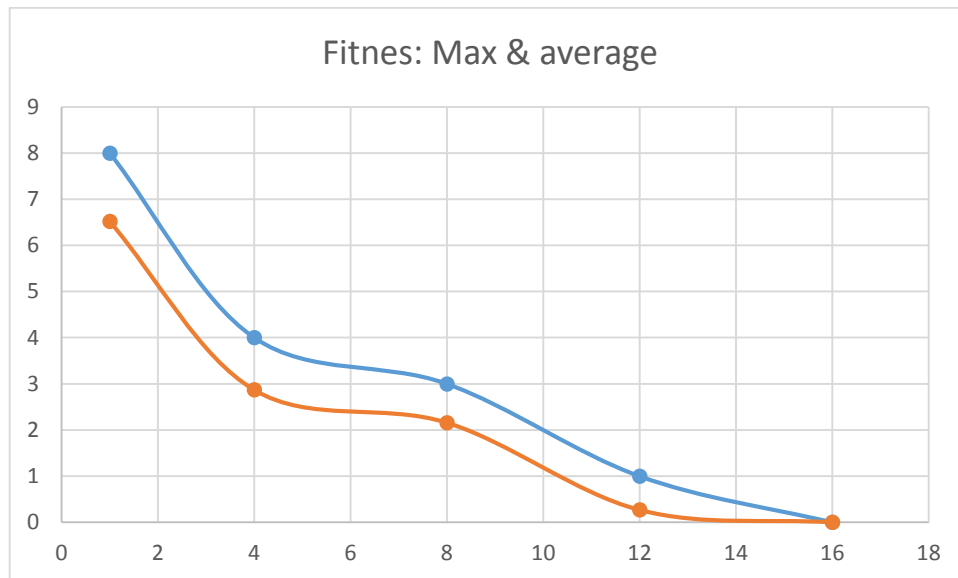
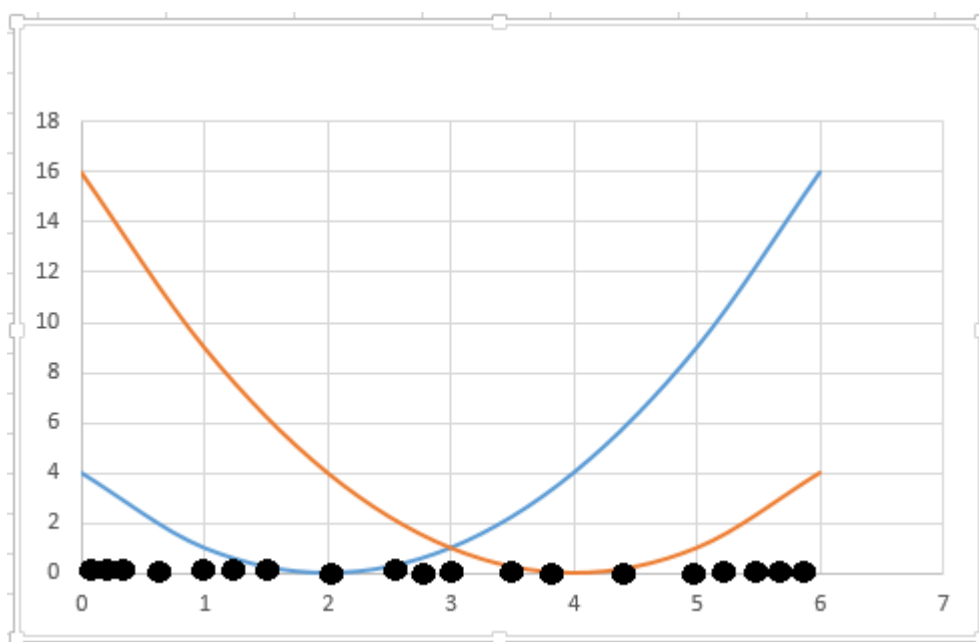


**Modern intelligent IT**  
**Lab 5 (28.10.2016)**  
**Akira Imada**  
**Student – Dzmitry Rybalko(AI - 10)**

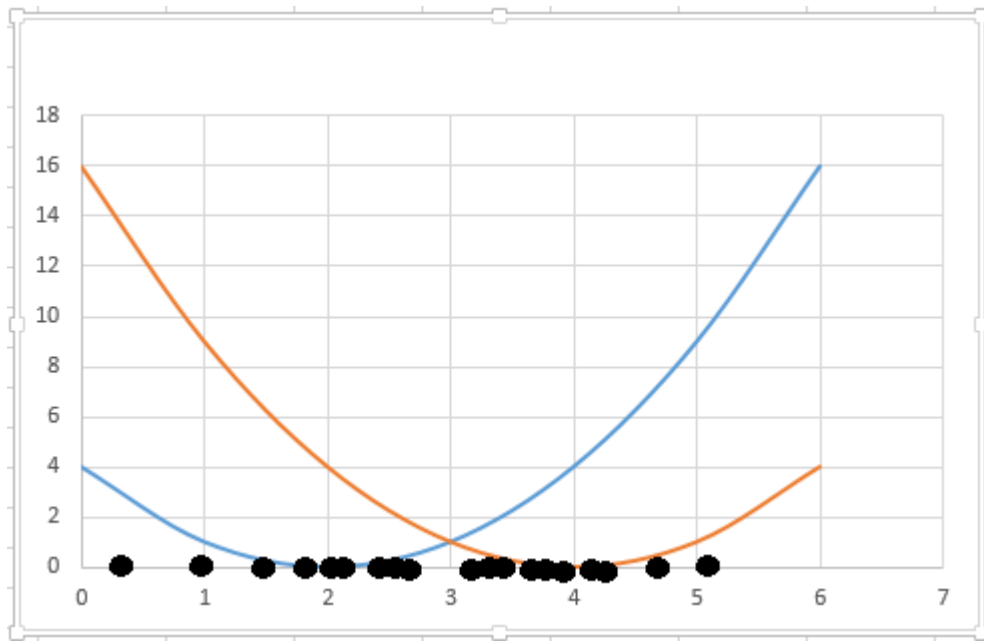
**Graphs:**



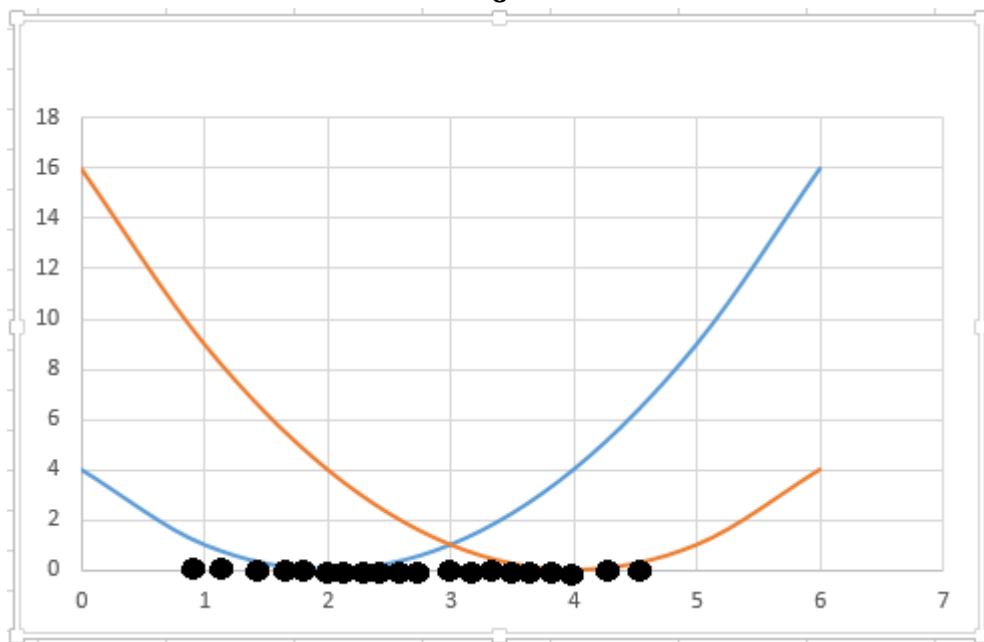
**1-st**



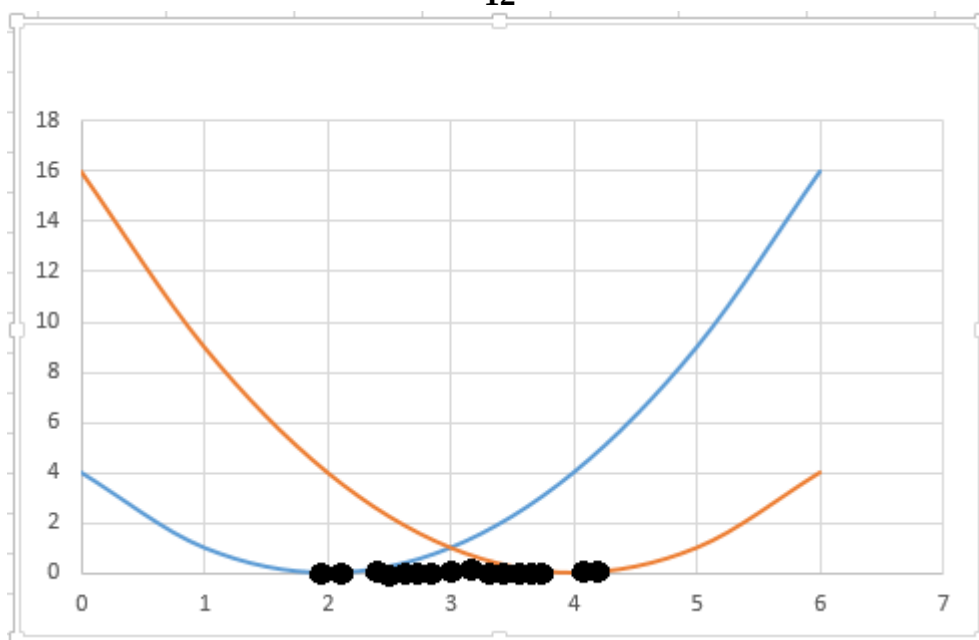
**4-th**



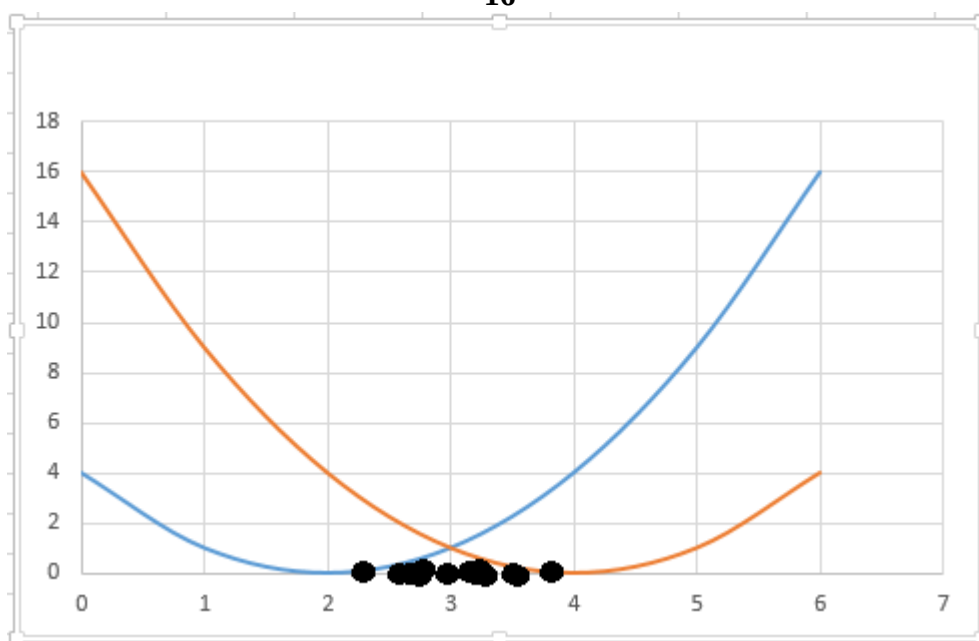
8



12



16



Tables:  
1-st

| X     | Y1   | Y2       | Rank |
|-------|------|----------|------|
| 0,157 | 3,40 | 14,76865 | 0    |
| 0,238 | 3,10 | 14,15264 | 1    |
| 0,359 | 2,69 | 13,25688 | 2    |
| 0,624 | 1,89 | 11,39738 | 3    |
| 0,987 | 1,03 | 9,078169 | 4    |
| 1,267 | 0,54 | 7,469289 | 5    |
| 1,357 | 0,41 | 6,985449 | 6    |

|       |       |          |   |
|-------|-------|----------|---|
| 1,523 | 0,23  | 6,135529 | 7 |
| 2,059 | 0,00  | 3,767481 | 8 |
| 2,601 | 0,36  | 1,957201 | 8 |
| 2,753 | 0,57  | 1,555009 | 8 |
| 3,025 | 1,05  | 0,950625 | 7 |
| 3,614 | 2,60  | 0,148996 | 6 |
| 3,815 | 3,29  | 0,034225 | 6 |
| 4,457 | 6,04  | 0,208849 | 5 |
| 4,986 | 8,92  | 0,972196 | 4 |
| 5,189 | 10,17 | 1,413721 | 3 |
| 5,536 | 12,50 | 2,359296 | 2 |
| 5,724 | 13,87 | 2,972176 | 1 |
| 5,833 | 14,69 | 3,359889 | 0 |

4-th

| X     | Y1   | Y2       | Rank |
|-------|------|----------|------|
| 0,328 | 2,80 | 13,48358 | 0    |
| 0,963 | 1,08 | 9,223369 | 1    |
| 1,678 | 0,10 | 5,391684 | 2    |
| 1,853 | 0,02 | 4,609609 | 3    |
| 2,034 | 0,00 | 3,865156 | 4    |
| 2,122 | 0,01 | 3,526884 | 3    |
| 2,327 | 0,11 | 2,798929 | 3    |
| 2,407 | 0,17 | 2,537649 | 3    |
| 2,457 | 0,21 | 2,380849 | 2    |
| 2,601 | 0,36 | 1,957201 | 2    |
| 3,123 | 1,26 | 0,769129 | 2    |
| 3,266 | 1,60 | 0,538756 | 2    |
| 3,364 | 1,86 | 0,404496 | 2    |
| 3,515 | 2,30 | 0,235225 | 2    |
| 3,628 | 2,65 | 0,138384 | 3    |
| 3,827 | 3,34 | 0,029929 | 4    |
| 4,189 | 4,79 | 0,035721 | 3    |
| 4,321 | 5,39 | 0,103041 | 2    |
| 4,724 | 7,42 | 0,524176 | 1    |
| 5,133 | 9,82 | 1,283689 | 0    |

8-th

| X     | Y1   | Y2       | Rank |
|-------|------|----------|------|
| 0,928 | 1,15 | 9,437184 | 0    |
| 1,223 | 0,60 | 7,711729 | 1    |
| 1,678 | 0,10 | 5,391684 | 2    |
| 1,853 | 0,02 | 4,609609 | 3    |
| 1,923 | 0,01 | 4,313929 | 4    |
| 2,022 | 0,00 | 3,912484 | 3    |
| 2,127 | 0,02 | 3,508129 | 2    |
| 2,227 | 0,05 | 3,143529 | 2    |

|       |      |          |   |
|-------|------|----------|---|
| 2,357 | 0,13 | 2,699449 | 2 |
| 2,401 | 0,16 | 2,556801 | 2 |
| 2,523 | 0,27 | 2,181529 | 2 |
| 2,666 | 0,44 | 1,779556 | 2 |
| 3,003 | 1,01 | 0,994009 | 2 |
| 3,115 | 1,24 | 0,783225 | 2 |
| 3,228 | 1,51 | 0,595984 | 2 |
| 3,454 | 2,11 | 0,298116 | 2 |
| 3,827 | 3,34 | 0,029929 | 2 |
| 3,926 | 3,71 | 0,005476 | 2 |
| 4,324 | 5,40 | 0,104976 | 1 |
| 4,624 | 6,89 | 0,389376 | 0 |

12-th

| X     | Y1   | Y2       | Rank |
|-------|------|----------|------|
| 1,987 | 0,00 | 4,052169 | 0    |
| 2,103 | 0,01 | 3,598609 | 1    |
| 2,357 | 0,13 | 2,699449 | 0    |
| 2,453 | 0,21 | 2,393209 | 0    |
| 2,523 | 0,27 | 2,181529 | 0    |
| 2,622 | 0,39 | 1,898884 | 0    |
| 2,727 | 0,53 | 1,620529 | 0    |
| 2,827 | 0,68 | 1,375929 | 0    |
| 2,957 | 0,92 | 1,087849 | 0    |
| 3,001 | 1,00 | 0,998001 | 0    |
| 3,123 | 1,26 | 0,769129 | 0    |
| 3,266 | 1,60 | 0,538756 | 0    |
| 3,303 | 1,70 | 0,485809 | 0    |
| 3,415 | 2,00 | 0,342225 | 0    |
| 3,528 | 2,33 | 0,222784 | 0    |
| 3,654 | 2,74 | 0,119716 | 0    |
| 3,727 | 2,98 | 0,074529 | 0    |
| 3,826 | 3,33 | 0,030276 | 0    |
| 4,024 | 4,10 | 0,000576 | 1    |
| 4,134 | 4,55 | 0,017956 | 0    |

16-th

| X     | Y1   | Y2       | Rank |
|-------|------|----------|------|
| 2,387 | 0,15 | 2,601769 | 0    |
| 2,633 | 0,40 | 1,868689 | 0    |
| 2,757 | 0,57 | 1,545049 | 0    |
| 2,783 | 0,61 | 1,481089 | 0    |
| 2,793 | 0,63 | 1,456849 | 0    |
| 2,801 | 0,64 | 1,437601 | 0    |
| 2,854 | 0,73 | 1,313316 | 0    |
| 2,967 | 0,94 | 1,067089 | 0    |
| 3,002 | 1,00 | 0,996004 | 0    |

|       |      |          |   |
|-------|------|----------|---|
| 3,124 | 1,26 | 0,767376 | 0 |
| 3,163 | 1,35 | 0,700569 | 0 |
| 3,194 | 1,43 | 0,649636 | 0 |
| 3,234 | 1,52 | 0,586756 | 0 |
| 3,415 | 2,00 | 0,342225 | 0 |
| 3,478 | 2,18 | 0,272484 | 0 |
| 3,754 | 3,08 | 0,060516 | 0 |
| 3,787 | 3,19 | 0,045369 | 0 |
| 3,826 | 3,33 | 0,030276 | 0 |
| 3,956 | 3,83 | 0,001936 | 0 |
| 3,984 | 3,94 | 0,000256 | 0 |