## Code factory spreadsheet

|                                     | year 1  | year 2    | year 3     |
|-------------------------------------|---------|-----------|------------|
| planned publications                |         |           |            |
| journal papers                      | 2       | 3         | 5          |
| conference papers                   | 4       | 6         | 2          |
| total                               | 6       | 9         | 7          |
| number of lines to be typed         |         |           |            |
| lines of code                       | 10,000  | 20,000    | 40,000     |
| lines of text                       | 2,000   | 3,000     | 4,000      |
| total number of lines               | 12,000  | 23,000    | 44,000     |
| average number of characters        | 924,000 | 1,771,000 | 3,388,000  |
| employees                           |         |           |            |
| number of Ph.D. students            | 0       | 1         | 3          |
| productivity: 2.000 lines per month | 0       | 24,000    | 72,000     |
| number of M.Sc. students            | 2       | 2         | 1          |
| productivity: 200 lines per month   | 4,800   | 4,800     | 2,400      |
| total line productivity             | 4,800   | 28,800    | $74,\!400$ |
| lines still to be written           | 7,200   | 1,400     | 0          |