

<https://www.python.org/downloads/>

The screenshot shows the SVAN software interface. The top menu bar includes 'File', 'Edit', 'SVAN', 'View', 'Tools', 'Window', and 'Help'. The toolbar contains various icons, with the 'Print' icon (a printer) circled in red. Below the toolbar, there are tabs for 'Header info', 'Main results', 'Logger results', 'Logger 1/3 Octave', and 'Total results'. The 'Main results' tab is active. The 'Close file' dropdown shows 'AAM.SVL'. The main window title is 'AAM.SVL : Logger 1/3 Octave, 05/06/2023 20:02:54.190'. The 'Active function' dropdown is set to '1/3 Oct Acc RMS (SR) (HP)'. The 'Secondary y-axis' dropdown is set to 'Acceleration'. The plot area shows a histogram of acceleration data with red bars. The y-axis is labeled 'Acceleration' with units 'm/s²'. The x-axis represents frequency. A red arrow points from the 'Print' icon in the toolbar to the histogram.

następnie z otrzymanego pliku .csv należy usunąć pierwsze 3 wiersze, po edycji plik powinien wyglądać następująco

|   | A   | B                         | C      | D     | E       | F      | G      | H      | I       | J      | K      | L      | M      | N      | O       | P      | Q     | R     |
|---|-----|---------------------------|--------|-------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|-------|-------|
| 1 | No. | Date & time               | 0.8 Hz | 1 Hz  | 1.25 Hz | 1.6 Hz | 2 Hz   | 2.5 Hz | 3.15 Hz | 4 Hz   | 5 Hz   | 6.3 Hz | 8 Hz   | 10 Hz  | 12.5 Hz | 16 Hz  | 20 Hz | 25 Hz |
| 2 |     | 1 05/06/2023 20:06:03.385 | 0.0008 | 0.001 | 0.0007  | 0.0009 | 0.0005 | 0.0006 | 0.0006  | 0.0005 | 0.0005 | 0.0003 | 0.0005 | 0.0004 | 0.0004  | 0.0006 | 0.003 | 0.002 |
| 3 |     |                           |        |       |         |        |        |        |         |        |        |        |        |        |         |        |       |       |
| 4 |     |                           |        |       |         |        |        |        |         |        |        |        |        |        |         |        |       |       |
| 5 |     |                           |        |       |         |        |        |        |         |        |        |        |        |        |         |        |       |       |

tak przygotowane pliki (nazwa pliku nie ma znaczenia) należy umieścić w podfolderach programu zgodnie z osią pomiaru (oś x do folderu X, itp.)

|                                       |                  |                       |        |
|---------------------------------------|------------------|-----------------------|--------|
| X                                     | 24/01/2024 12:06 | File folder           |        |
| Y                                     | 24/01/2024 12:06 | File folder           |        |
| Z                                     | 24/01/2024 12:07 | File folder           |        |
| DrganiaNaLudzi.py                     | 24/01/2024 13:27 | Python source file    | 8 KB   |
| DrganiaNaLudzi.pyproj                 | 24/01/2024 11:20 | Python Project        | 2 KB   |
| DrganiaNaLudzi.sln                    | 24/01/2024 11:20 | Visual Studio Solu... | 1 KB   |
| instrukcja obsługi DrganiaNaLudzi.odt | 24/01/2024 14:16 | ODT File              | 129 KB |
| n.txt                                 | 24/01/2024 12:36 | TXT File              | 1 KB   |

| DrganiaNaLudzi > X |                  |          |      |
|--------------------|------------------|----------|------|
| Name               | Date modified    | Type     | Size |
| X1.csv             | 24/01/2024 12:06 | CSV File | 1 KB |
| X2.csv             | 24/01/2024 12:06 | CSV File | 1 KB |
| X3.csv             | 24/01/2024 12:06 | CSV File | 1 KB |

należy również ustawić wartość współczynnika n otwierając plik tekstowy n.txt ,znajdujący się w głównym folderze programu, i wpisać pożądaną wartość

|                                       |                  |
|---------------------------------------|------------------|
| X                                     | 24/01/2024 14:19 |
| Y                                     | 24/01/2024 12:06 |
| Z                                     | 24/01/2024 12:07 |
| DrganiaNaLudzi.py                     | 24/01/2024 13:27 |
| DrganiaNaLudzi.pyproj                 | 24/01/2024 11:20 |
| DrganiaNaLudzi.sln                    | 24/01/2024 11:20 |
| instrukcja obsługi DrganiaNaLudzi.odt | 24/01/2024 14:16 |
| n.txt                                 | 24/01/2024 12:36 |

n.txt - Notepad

File Edit Format View Help

następnie należy uruchomić program za pomocą DrganiaNaLudzi.py, wykresy pojawią się w folderze:

| Name                                  | Date modified    |
|---------------------------------------|------------------|
| X                                     | 24/01/2024 14:19 |
| Y                                     | 24/01/2024 12:06 |
| Z                                     | 24/01/2024 12:07 |
| DrganiaNaLudzi.py                     | 24/01/2024 13:27 |
| DrganiaNaLudzi.pyproj                 | 24/01/2024 11:20 |
| DrganiaNaLudzi.sln                    | 24/01/2024 11:20 |
| instrukcja obsługi DrganiaNaLudzi.odt | 24/01/2024 14:16 |
| n.txt                                 | 24/01/2024 12:36 |
| X.png                                 | 24/01/2024 14:23 |
| Y.png                                 | 24/01/2024 14:23 |
| Z.png                                 | 24/01/2024 14:23 |