Komunikasi Data

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Tugas : Menentukan gelombang sinus dengan waktu interval 10ms sampai 1s, dengan masing-masing frekuensi 50hz dan 100hz. (fase 60° dan 100°) menggunakan persamaan

S(t) = 220 sin(2π f t + Φ)

|  |  |  |  |
| --- | --- | --- | --- |
| S(t) | t (ms) | f | Φ |
| 66.72454 | 10 | 50 | 60 |
| -66.3906 | 20 | 50 | 60 |
| 66.05644 | 30 | 50 | 60 |
| -65.7221 | 40 | 50 | 60 |
| 65.38768 | 50 | 50 | 60 |
| -65.053 | 60 | 50 | 60 |
| 64.71825 | 70 | 50 | 60 |
| -64.3833 | 80 | 50 | 60 |
| 64.04816 | 90 | 50 | 60 |
| -63.7129 | 100 | 50 | 60 |
| -66.3906 | 10 | 100 | 60 |
| -65.7221 | 20 | 100 | 60 |
| -65.053 | 30 | 100 | 60 |
| -64.3833 | 40 | 100 | 60 |
| -63.7129 | 50 | 100 | 60 |
| -63.0418 | 60 | 100 | 60 |
| -62.3701 | 70 | 100 | 60 |
| -61.6978 | 80 | 100 | 60 |
| -61.0248 | 90 | 100 | 60 |
| -60.3512 | 100 | 100 | 60 |
| 111.7024 | 10 | 50 | 100 |
| -112.004 | 20 | 50 | 100 |
| 112.3056 | 30 | 50 | 100 |
| -112.607 | 40 | 50 | 100 |
| 112.9076 | 50 | 50 | 100 |
| -113.208 | 60 | 50 | 100 |
| 113.5085 | 70 | 50 | 100 |

|  |  |  |  |
| --- | --- | --- | --- |
| -113.808 | 80 | 50 | 100 |
| 114.1082 | 90 | 50 | 100 |
| -114.408 | 100 | 50 | 100 |
| -112.004 | 10 | 100 | 100 |
| -112.607 | 20 | 100 | 100 |
| -113.208 | 30 | 100 | 100 |
| -113.808 | 40 | 100 | 100 |
| -114.408 | 50 | 100 | 100 |
| -115.006 | 60 | 100 | 100 |
| -115.602 | 70 | 100 | 100 |
| -116.198 | 80 | 100 | 100 |
| -116.792 | 90 | 100 | 100 |
| -117.386 | 100 | 100 | 100 |