Part 1.

A graph of ecg signals

AI-generated content may be incorrect.

Fig. 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Lead Vector | LI (Ω) | LII (Ω) | LIII (Ω) | VaR (Ω) | VaL (Ω) | VaF (Ω) |
| Lx | 73.131 | 36.533 | -36.598 | -54.832 | 54.864 | -0.03217 |
| Ly | -0.00271 | 21.103 | 21.106 | -10.55 | -10.554 | 21.104 |
| L | 73.131 | 42.19001 | 42.2478 | 55.83772 | 55.8699 | 21.10402 |

Table 1. Dipole Center: (0,5)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Lead Vector | LI (Ω) | LII (Ω) | LIII (Ω) | VaR (Ω) | VaL (Ω) | VaF (Ω) |
| Lx | 31.25436 | 15.65126 | -15.6031 | -23.4528 | 23.42873 | 0.024081 |
| Ly | -0.05295 | 81.07249 | 81.12544 | -40.5098 | -40.5892 | 81.09896 |
| L | 31.25441 | 82.56943 | 82.61231 | 46.80893 | 46.86564 | 81.09897 |

Table 2. Dipole Center: (0,-5)

Part 5.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| theta (deg) | RA (mV) | LA (mV) | LL (mV) | VI (mV) | VII (mV) | VIII (mV) | **V1 (mV)** |
| 0 | -88.9822 | 112.2515 | 11.60347 | 201.2336 | 100.5856 | -100.648 | **1.642927** |
| theta (deg) | RA (mV) | LA (mV) | LL (mV) | VI (mV) | VII (mV) | VIII (mV) | **V2 (mV)** |
| 0 | -111.708 | -11.1227 | 89.43846 | 100.5856 | 201.1468 | 100.5612 | **0.820113** |

Part 6.

A colorful lines in a circle

AI-generated content may be incorrect.

Fig. 5

Table 5.

|  |  |  |  |
| --- | --- | --- | --- |
| L1 | (0, -5) | (0, 0) | (0, 5) |
| L1x | -31.4134157 | -5.50E+01 | -7.35E+01 |
| L1y | -5.46E-02 | -2.02E-02 | -1.20E-03 |
| L1 | 31.41346321 | 55.03959318 | 73.4842687 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Lead Vector | LI | LII | LIII | LaR | LaL | LaF | Lead Vector |
| Lx | 273.8409 | 136.6921 | -137.149 | -205.266 | 205.4948 | -0.22836 | Lx |
| Ly | -0.10637 | 236.9784 | 237.0847 | -118.436 | -118.596 | 237.0316 | Ly |
| L | 273.8409 | 273.5754 | 273.8959 | 236.984 | 237.2615 | 237.0317 | L |