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<https://teknikelektronika.com/pengertian-arus-listrik-electric-current/>
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<https://teknikelektronika.com/pengertian-tegangan-listrik-electric-voltage/>
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<https://teknikelektronika.com/pengertian-frekuensi-cara-menghitung-frekuensi/>
<https://pengertiandefinisi.com/pengertian-frekuensi-dan-jenis-jenis-frekuensi-di-dunia-fisika/>
<https://id.wikipedia.org/wiki/elektrode>
- yadi yunus, budi suhendro, hasbri (2015) *rancang bangun alat terapi stimulator integrasi dengan infra red berbasis mikrokontroller atmega 32.*
- lestari, tri puji, 2014, *pengaruh frekuensi transcutaneous electrical nerve stimulation terhadap peningkatan kekuatan otot ekstensor wrist pada penderita stroke*, universitas muhammadiyah surakarta.

rizal fachri, 2016, “electrical engineering, power system, renewable energy, power elektronik dan arduino”,<http://electricityofdream.blogspot.com/2016/09/tutorial-mengukur-tegangan-dengan-modul.html>

rizal fachri, 2016, “electrical engineering, power system, renewable energy, power elektronik dan arduino”,<http://electricityofdream.blogspot.com/2016/09/tutorial-mengukur-arus-dengan-modul.html>

brunner and suddarth. (2001). keperawatan medikal bedah edisi 8 volume 2. jakarta: penerbit buku kedokteran egc

johnson m. (2009). transcutaneous electrical nervous stimulation. continuing education in anesthesia, critical care and pain

santuzzi ch. (2013). high-frequency transcutaneous electrical nerve stimulation reduces pain and cardio-respiratory parameters in an animal model of acute pain: participation of peripheral serotonin. *physiotherapy theory and practice*, 29(8):630–638, 2013. copyright © informa

healthcare usa, inc. issn: 0959-3985 print/1532-5040 online doi: 10.3109/09593985.2013.7744

Noehren B, Dana L, Dailey & Barbara A. (2015). Effect of Transcutaneous Electrical Nerve Stimulation on Pain, Function, and Quality of Life in Fibromyalgia: A Double-Blind Randomized Clinical Trial. Post a Rapid Response to this article at: ptjournal.apta.org.