Peningkatan Efisiensi Penggunaan Bahan Bakar Kendaraan Bermotor Dengan Melakukan Pencarian Jarak Terdekat Menggunakan Jaringan Syaraf Tiruan Hopfield Di Wilayah Purwokerto

Title	Peningkatan Efisiensi Penggunaan Bahan Bakar Kendaraan Bermotor Dengan Melakukan Pencarian Jarak Terdekat Menggunakan Jaringan Syaraf Tiruan Hopfield Di Wilayah Purwokerto
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Abstract	This proposed research concern with application of continuous Hopfield neural networks for shortest path routing in a givenÃ‚Â map, in this case Purwokerto cityÃ¢Â€Â™s map had choosen as an example. The method that was used in this research based on the ability ofÃ‚Â continuous Hopfield neural networks for representing their neuron as choosen vertices in the given map. The result shows that theÃ‚Â networks can produce optimal route for such source and destination node pairs. As the product of this research, we have knowledge about the shortest way from one to another location at Purwokerto, so we can increase the efficiency on fuel use by using this route
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