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| Title | Antimagic Labelling of any Perfect Binary Tree | | |
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| Published Journal Name | I[CCA 2020: Proceedings of the International Conference on Computing Advancements](https://dl.acm.org/doi/proceedings/10.1145/3377049) | | |
| Type of Publication | Conference Paper | | |
| Volume |  | Issue |  |
| Publisher | ACM | | |
| Publication Date | 2020/1/10 | | |
| ISSN |  | | |
| DOI | <https://doi.org/10.1145/3377049.3377109> | | |
| URL | https://dl.acm.org/doi/abs/10.1145/3377049.3377109 | | |
| Other Related Info. | An enhanced approach of edge labeling of graph which is named as the Antimagic labeling for a perfect binary tree. It is proved in the article that it is possible to label all the edges of a perfect tree by the mentioned approach in it. | | |
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| Abstract |  |
| Graph labelling is a very popular and high caliber research topic in graph theory. There are numerous variants of graph labelling. Some are categorized as edge labelling, and some are categorized as vertex labelling. Our paper focuses on proof of one kind of edge labelling known as antimagic labelling of any perfect binary tree. First, we have shown that antimagic labelling is possible by sequential labelling of the edges of any perfect binary trees except for some particular ones. Later we proved that antimagic labelling is also possible for those particular perfect binary trees by swapping the labels of only two egdes. | |