

Area efficient hexadecimal divider circuit implementation based on USP-awadhoot division algorithm

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE International Conference on Engineering, Technology and Innovation (ICE/ITMC) 2021 / p. 1-8 <https://doi.org/10.1109/ICE/ITMC52061.2021.9570263>

Complex division by Baudhayan triplet algorithm using novel state of the art USP-awadhoot divider

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Divider implementation based on USP-awadhoot division algorithm For area optimization

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Division algorithms - from past to present chance to improve area time and complexity for digital applications

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Division Method And Circuit

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Moving average filter block implementation using USP-Awadhoot divider

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Novel data dependent divider circuit block implementation for complex division and area critical applications

Patankar, Udayan Sunil; Flores, Miguel E.; **Koel, Ants** Scientific reports 2023 / art. 3027, 28 p. : ill <https://doi.org/10.1038/s41598-023-28343-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of estimation based functional iteration approximation dividers

Patankar, Udayan Sunil; Flores, Miguel E.; Koel, Ants ICCE-2021 IEEE International Conference on Consumer Electronics, CES 2021 / p. 1-4 <https://doi.org/10.1109/ICCE50685.2021.9427657> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)