

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

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1918-1922
<https://doi.org/10.1109/IMCEC51613.2021.9482010>

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

Patankar, Udayan Sunil; Koel, Ants; Patankar, Sunil M.; Flores, Miguel E. IEEE 4th Advanced Information Management, Communicates, Electronic and Automation Control Conference (IMCEC) 2021 / p. 1675-1682
<https://doi.org/10.1109/IMCEC51613.2021.9482132>

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

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Review of basic classes of dividers based on division algorithm

Patankar, Udayan Sunil; Koel, Ants IEEE Access 2021 / p. 23035-23069 <https://doi.org/10.1109/ACCESS.2021.3055735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)