

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

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

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<https://doi.org/10.1109/IMCEC51613.2021.9482010>

DeepAxe : a framework for exploration of approximation and reliability trade-offs in DNN accelerators

Taheri, Mahdi; Riazati, Mohamad; **Ahmadilivani, Mohammad Hasan;** Jenihhin, Maksim; **Daneshtalab, Masoud;** Raik, Jaan; Sjödin, Mikael; Lisper, Björn arXiv.org 2023 / 8 p. : ill <https://doi.org/10.48550/arXiv.2303.0822>

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>

Study of estimation based functional iteration approximation dividers

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