

NEWS RELEASE

GPU

International Conference on Parallel Processing (ICPP)

GPU

GPU

2.5

11 00

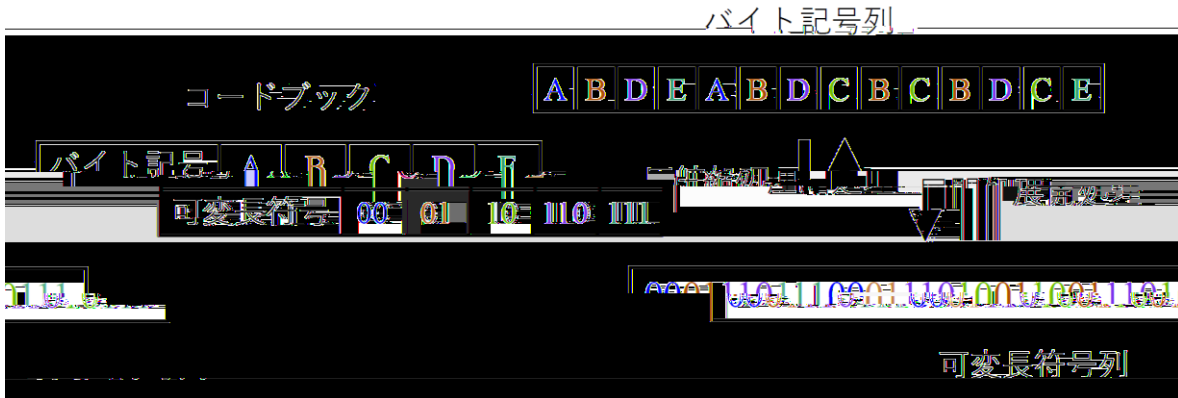
GPU

NVIDIA

Tesla V100 GPU

2.5

11000



1

0 1

GPU
GPU

Weißenberger (Massively Parallel Huffman Decoding on GPUs. In Proc. of International Conference on Parallel Processing 2018 DOI :10.1145/3225058.3225076)

GPU

2
(256)

1

2

4%-18%

0.4%-1.5%

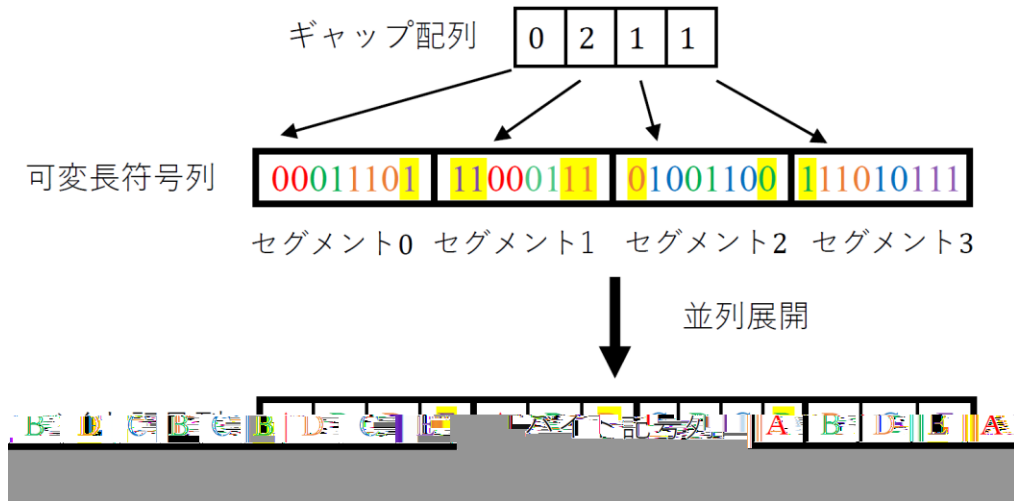
GPU
GPU
NVIDIA

Tesla V100 GPU

10

2.5 7.4
Weißenberger

2.5 11000



gzip
GPU

GPU
Graphics Processing Unit

gzip,zip,png,jpg

International Conference on Parallel Processing (ICPP) 2020
 Huffman Coding with Gap Arrays for GPU Acceleration
 Naoya Yamamoto, Koji Nakano, Yasuaki Ito, and Daisuke Takafuji
 (Hiroshima University) and Akihiko Kasagi and Tsuguchika Tabaru (Fujitsu
 Laboratories Ltd.)
 DOI 10.1145/3404397.3404429
 Web <https://jnamaral.github.io/icpp20/>
 ICPP 2020 Best Paper Award (269 1)

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