Asst. Prof. ÖZCAN DÜLGER

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, Turkey 2010 - Continues
Postgraduate, Pamukkale University, Institute Of Science, Bilgisayar Mühendisliği (Yl) (Tezli), Turkey 2007 - 2009
Undergraduate, Pamukkale University, Faculty Of Engıneerıng, Department Of Computer Engıneerıng, Turkey 2003 - 2007

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Computer Engineering, 2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A new parallel tabu search algorithm for the optimization of the maximum vertex weight clique problem**
DÜLGER Ö., Dökeroğlu T.
Concurrency and Computation: Practice and Experience, vol.36, no.2, 2024 (SCI-Expanded)
II. **Memory Coalescing Implementation of Metropolis Resampling on Graphics Processing Unit**
Dulger O., Oguztuzun H., DEMİREKLER M.
JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, vol.90, no.3, pp.433-447, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Implementation of the auxiliary sampling importance resampling particle filter on graphics processing unit Yardimli ornekleme onem yeniden ornekleme paracik siizgecinin grafi işleme biriminde gercekle stirilmesi**
DÜLGER Ö., OĞUZTÜZÜN M. H. S.
5th International Conference on Computer Science and Engineering, UBMK 2020, Diyarbakır, Turkey, 9 - 10 September 2020, pp.156-159
II. **Factors on the execution times of metropolis resampling and its variations**

DÜLGER Ö., OĞUZTÜZÜN M. H. S.
5th International Conference on Computer Science and Engineering, UBMK 2020, Diyarbakır, Turkey, 9 - 10 September 2020, pp.152-155

III. **Non-coalesced Access Patterns of Global Memory Load Transactions in Metropolis Resampling Implemented on Graphics Processing Unit**
Dulger O., Oguztuzun H.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

IV. **Implementation of the Sampling Importance Resampling Particle Filter Algorithm in Graphics Processing Unit**
Dulger O., Oguztuzun H., DEMİREKLER M.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2195-2198

Metrics

Publication: 6
Citation (WoS): 7
Citation (Scopus): 13
H-Index (WoS): 1
H-Index (Scopus): 2