

# Publikationsliste

von Antje Kiesel

## Veröffentlicht in Zeitschriften

- T. Kalinowski, A. Kiesel, Approximated MLC shape matrix decomposition with interleaf collision constraint, *Algorithmic Operations Research* 4(1), 49-57, 2009
- K. Engel, A. Kiesel, Approximated matrix decomposition for IMRT planning with multileaf collimators, *OR Spectrum*, 33(1), 149-172, 2009
- A. Kiesel, A function approximation approach to the segmentation step in IMRT planning, *OR Spectrum*, DOI:10.1007/s00291-009-0187-2, 2009
- T. Gauer, K. Engel, A. Kiesel, D. Albers, D. Rades, Comparison of electron IMRT to helical photon IMRT and conventional photon irradiation for treatment of breast and chest wall tumours, *Radiother. Oncol.* 94, 313-318, 2010
- C. Engelbeen, S. Fiorini, A. Kiesel, A closest vector problem arising in radiation therapy planning, *Journal of Combinatorial Optimization*, DOI: 10.1007/s10878-010-9308-8, 2010
- C. Engelbeen, A. Kiesel, Binary matrix decompositions without tongue-and-groove underdosage for radiation therapy planning, *Algorithmic Operations Research*, 5, 119-132, 2010

## Im Arxiv verfügbar

- A. Kiesel, T. Gauer, Approximated segmentation considering technical and dosimetric constraints in intensity-modulated radiation therapy, arXiv:1005.0898v1, 2010

## Konferenzbeiträge

- K. Engel, T. Kalinowski, A. Kiesel, Discrete optimization problems for radiation therapy planning, International Symposium on Operational Research, Les annales ROAD du Laboratoire LAID3, 9-23, 2008