# Publications of Kim Steenstrup Pedersen

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#### Ph.D. thesis:

• Kim S. Pedersen. Statistics of Natural Image Geometry. Ph.D. Thesis, Department of Computer Science, University of Copenhagen, Denmark, January 2003. Published as DIKU tech. report no. 2003/04.

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- E. Schou Dreier, K. M. Sørensen, T. Lund-Hansen, B. Møller Jespersen, **K. Steenstrup Pedersen**. Hyperspectral imaging for classification of bulk grain samples with deep convolutional neural networks. Journal of Near Infrared Spectroscopy. April 2022. DOI: 10.1177/09670335221078356. DataDOI: 10.17894/ucph.f8c7feeb-3b27-4bd2-ba6d-6d44a4ab4330, JIF: 1,863.
- J. Rasmussen, J. Nielsen, J. C. Streibig, J. E. Jensen, **K. S. Pedersen**, S. I. Olsen. Pre-harvest weed mapping of Cirsium arvense in wheat and barley with off-the-shelf UAVs. Precision Agriculture, pp. 1 17, 2019. BFI: 1, JIF: 4,454.
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- Georgios Karagiannis, Søren Ingvor Olsen, **Kim Steenstrup Pedersen**. Deep Learning for Detection of Railway Signs and Signals. In Advances in Computer Vision Proceedings of the 2019 Computer Vision Conference, CVC 2019, Las Vegas, Nevada, USA, Vol. 943, pp. 1–15, 2020.
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