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[J1] Hugo Grimmett, Rudolph Triebel, Rohan Paul and Ingmar Posner,
Introspective classification for robot perception,

[J2] L.Spinello, R. Triebel and R. Siegwart,
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Monte Carlo localization in outdoor terrains using multilevel surface maps,

Supervised semantic labeling of places using information extracted from sensor data,

[J5] P. Pfaff, R. Triebel and W. Burgard,
An Efficient Extension to Elevation Maps for Outdoor Terrain Mapping and Loop Closing,

[J6] H. Andreasson, R. Triebel and A. Lilienthal,
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[C2] M. Denninger and R. Triebel,
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[C4] I. Chiotellis, F. Zimmermann, D. Cremers and R. Triebel,
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