Additional and related references

R. Mottaghi, C. Schenck, D. Fox, A. Farhadi, *See the glass half full: Reasoning about liquid containers, their volume and content*, in Proc. IEEE Int. Conf. Comput. Vis., Oct 2017
Paper: https://openaccess.thecvf.com/content_ICCV_2017/papers/Mottaghi_See_the_Glass_ICCV_2017_paper.pdf
Webpage: https://prior.allenai.org/projects/see-the-glass-half-full

C. J. Philips, M. Lecce, K. Daniilidis, *Seeing glass-ware: from edge detection to pose estimation and shape recovery*, in Proc. Robotics: Science and Syst., Ann Arbor, Michigan, USA, 18-22 Jun. 2016
Paper: https://pdfs.semanticscholar.org/efcc/2098f7f9637c7db9b9f7ac4c3294578e12ca.pdf

S. S. Sajjan, M. Moore, M. Pan, G. Nagaraja, J. Lee, A. Zeng, S. Song, *ClearGrasp: 3D shape estimation of transparent objects for manipulation*, arXiv:1910.02550v2 [cs.CV], Oct. 2019, arXiv e-prints
Paper: https://arxiv.org/pdf/1910.02550.pdf
Code: https://github.com/Shreeyak/cleargrasp
Webpage: https://sites.google.com/view/cleargrasp

M. Kokic, D. Kragic, J. Bohg, *Learning to estimate pose and shape of hand-held objects from RGB images*, in Proc. IEEE Int. Conf. Intell. Robot Syst., Macau, China, 3-8 Nov. 2019
Paper: https://arxiv.org/pdf/1903.03340.pdf

S. Hampali, M. Rad, M. Oberweger V. Lepetit, *HOnnotate: A method for 3D Annotation of Hand and Object Poses*, in Proc. IEEE Conf. Comput. Vis. Pattern Recognit., 16–18 Jun. 2020
Paper:
https://openaccess.thecvf.com/content_CVPR_2020/papers/Hampali_HOnnotate_A_Method_for_3D_Annotation_of_Hand_and_Object_CVPR_2020_paper.pdf
Code: https://github.com/shreyashampali/HOnnotate
Webpage: https://www.tugraz.at/institute/icg/research/team-lepetit/research-projects/hand-object-3d-pose-annotation/

H. Liang, S. Li, X. Ma, N. Hendrich, T. Gerkmann, F. Sun, J. Zhang, *Making sense of audio vibration for liquid height estimation in robotic pouring*, in Proc. IEEE Int. Conf. Intell. Robot Syst., Macau, China, Nov. 2019
Paper: https://web.cs.ucla.edu/~xm/file/pouringnet_iros19.pdf
Code: https://github.com/lianghongzhuo/AudioPouring
Webpage: https://lianghongzhuo.github.io/AudioPouring/

H. Wang, S. Sridhar, J. Huang, J. Valentin, S. Song, L. J. Guibas, *Normalized object coordinate space for category-level 6d object pose and size estimation*, in Proc. IEEE Conf. Comput. Vis. Pattern Recognit., Long Beach, CA, USA, 16–20 Jun. 2019
Paper:
https://openaccess.thecvf.com/content_CVPR_2019/html/Wang_Normalized_Object_Coordinate_Space_for_Category-Level_6D_Object_Pose_and_CVPR_2019_paper.html
Code: https://github.com/hughw19/NOCS_CVPR2019
Webpage: https://geometry.stanford.edu/projects/NOCS_CVPR2019/