

Visualized Small-size Pipeline Model Building Using Multilink-articulated Wheeled In-pipe Inspection Robot

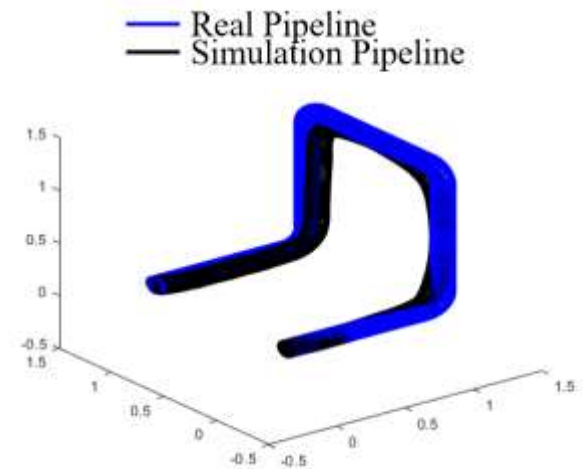
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- The robot is suitable for the inspection of pipelines with diameters between 120mm and 180mm.
- The visualized pipeline model building is based on small size inertial measurement unit (IMU) and encoder.
- A multi-sensor data fusion algorithm is used to improve the accuracy of the visualized pipeline model.



Pipeline visualized model.