**Review summary**

The title of the paper is “Parking Path Planning Based on Combination of Reed-Shepp Curve and A-Star Algorithm”. As we know autonomous parking is mainly composed of three parts: path planning, environmental sensing and path tracking. This paper mainly focuses on the path planning. In Literature survey so many others methods were proposed in the field of Path Planning, like inverted parallel parking path planning, before this paper yang y. proposed an intelligent path planning based on improved A-Star algorithm, the vehicle constrain added to A-Star algorithms heuristic function and path optimization and Bezier curve use for turning points and smoothness to resolve this issue this paper used A-Star algorithm with Reeds- Shepp algorithm.

**Positive points-**

1. Parking is major concern in our society, so consider a real problem.
2. The test results verified on both software (conducted barrier and barrier free environments in MATLAB) and Real vehicle test.