1 Surface defects as transfer matrices

In this section, we mainly review the results in [?], in which the correspondence we introduce in the previous section appears.

- 1.1 Brane tilings and integrable lattice models
- 1.1.1 Supersymmetric index and integrable lattice models
- 1.1.2 Integrable lattice models from quiver gauge theories
- 1.2 Surface defects in A_1 theories of class S
- 1.2.1 Surface defects and L-operators
- 1.2.2 Surface defects as transfer matrices

References

[1] K. Maruyoshi and J. Yagi, "Surface defects as transfer matrices," *PTEP* **2016** no. 11, (2016) 113B01, arXiv:1606.01041 [hep-th].