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Maxwell-Chern-Simons Casimir Force Between Perfectly Conducting Parallel Lines ZHENG Tai-Yu, ^{1,2} ZHENG Li¹ and LI Chang-Song³

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Abstract: Using Feynman path integral method we calculate the Casimir force of Maxwell-Chern-Simons Abelian gauge field between perfectly conducting parallel lines.

PACS: 11.10.Wx Key words: Casimir force, path integral method, Maxwell-Chern-Simons gauge field

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