A SURVEY FOR EXOTIC 4-MANIFOLDS

YIKAI TENG

CONTENTS

1. Exotic $\mathbb{CP}^2 \# 3\overline{\mathbb{CP}^2}$ and exotic $3\mathbb{CP}^2 \# 5\overline{\mathbb{CP}^2}$

In this section we follow [1] and construct exotic $\mathbb{CP}^2 \# 3\overline{\mathbb{CP}^2}$ and exotic $3\mathbb{CP}^2 \# 5\overline{\mathbb{CP}^2}$.

References

[1] A. Akhmedov and B. Doug Park, *Exotic smppth structures on small 4-manifolds* (2007).