Math H185 Homework 6

Keshav Balwant Deoskar

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| Question 1 |
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| Can every continuous function $f(z)$ on the closed unit ball $\overline{B_1(0)} \subset \mathbb{C}$ be uniformly approximated by polynomials in z ? Justify your answer. |
| Proof: |
| Question |
| Proof: |
| Question |
| Proof: |
| Question |
| Proof: |