

## DAFTAR ISI

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**LEMBAR PENGESAHAN PENGUJI** Error!  
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**ABSTRAK** Error! Bookmark not defined.

**ABSTRACT** Error! Bookmark not defined.

**KATA PENGANTAR** Error! Bookmark not defined.

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**DAFTAR TABEL** Error! Bookmark not defined.

**BAB 1** Error! Bookmark not defined.

**PENDAHULUAN** Error! Bookmark not defined.

**1.1 Latar Belakang** Error! Bookmark not defined.

**1.2 Batasan Masalah**Error! Bookmark not defined.

**1.3 Rumusan Masalah**Error! Bookmark not defined.

**1.4 Tujuan** Error! Bookmark not defined.

1.4.1 Tujuan Umum**Error! Bookmark not defined.**

1.4.2 Tujuan Khusus**Error! Bookmark not defined.**

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1.5.1 Manfaat Teoritis**Error! Bookmark not defined.**

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**BAB 2** Error! Bookmark not defined.

**TINJAUAN PUSTAKA**Error! Bookmark not defined.

**2.1 Studi Pustaka** Error! Bookmark not defined.

**2.2 Teori Dasar** Error! Bookmark not defined.

2.2.1 Otot Dan Sistem Syaraf**Error! Bookmark not defined.**

2.2.2 Anatomi Otot Lengan Bawah **Error! Bookmark not defined.**

2.2.3 Pengertian Elektromiografi (EMG) **Error! Bookmark not defined.**

2.2.4 Karakteristik Sinyal EMG **Error! Bookmark not defined.**

2.2.5 Pengambilan sinyal EMG **Error! Bookmark not defined.**

2.2.6 Instrumentation Amplifier **Error! Bookmark not defined.**

2.2.7 Non-inverting Amplifier**Error! Bookmark not defined.**

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2.2.9 Low Pass Filter (LPF)**Error! Bookmark not defined.**

2.2.10 Tulang Jari Tangan**Error! Bookmark not defined.**

2.2.11 Sensor Force**Error! Bookmark not defined.**

2.2.12 Motor Servo**Error! Bookmark not defined.**

**BAB 3** Error! Bookmark not defined.

**METODOLOGI** Error! Bookmark not defined.

**3.1 Diagram Blok Sistem****Error! Bookmark not defined.**

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**3.3 Diagram Mekanik****Error! Bookmark not defined.**

**3.4 Desain Penelitian****Error! Bookmark not defined.**

**3.5 Alat dan Bahan** Error! Bookmark not defined.

3.5.1 Alat **Error! Bookmark not defined.**

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**3.6 Variabel Penelitian****Error! Bookmark not defined.**

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**3.7 Definisi Operasional Variabel** Error!

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**3.6 Urutan Kegiatan (Prosedur Penelitian)** Error!

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**HASIL PENGUKURAN DAN ANALISIS** Error!

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**4.1 Hasil Perancangan Alat**Error! Bookmark not defined.

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**BAB V** Error! Bookmark not defined.

**PEMBAHASAN** Error! Bookmark not defined.

**6.1 Pembahasan Rangkaian**Error! Bookmark not defined.

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**6.3 Pembahasan Kinerja Sistem Keseluruhan**  
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**PENUTUP** Error! Bookmark not defined.

**6.1 Kesimpulan** Error! Bookmark not defined.

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**DAFTAR PUSTAKA**

**LAMPIRAN**

