Chapter 2
Scientific Goals

The following issues in the context of hand gesture based robot control have been covered in this book:

- Improve the state of the art of hand gesture recognition using enhanced intelligent methods
- Investigate a faster method to reduce image preprocessing algorithm time
- Investigate a direction invariant method to detect hand gesture in real time
- Investigate a light intensity invariant method to detect hand gesture in real time
- Explore automated techniques to calculate angles of bending fingers from hand gesture
- Develop an automatic system to detect angles of fingers in motion

These issues are discussed in the implementation sequence to enhance the understanding of the user.

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A. Chaudhary, *Robust Hand Gesture Recognition for Robotic Hand Control*,
DOI 10.1007/978-981-10-4798-5_2



http://www.springer.com/978-981-10-4797-8

Robust Hand Gesture Recognition for Robotic Hand Control

Chaudhary, A.

2018, XXI, 96 p. 67 illus., 54 illus. in color., Hardcover
ISBN: 978-981-10-4797-8