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# INTRODUCTION TO MECHANICAL MICRO MACHINING

## Introduction

Ajay M. Sidpara

Mechanical Engineering Department  
IIT KHARAGPUR



## Content

- ✓ Introduction
- ✓ Scaling laws
- ✓ Difference between macro and micro machining
  - Process mechanics, machine components, structure, operating, .....
- ✓ Micro tools fabrication
- ✓ Micro machines
- ✓ Diamond turning (process, mechanism, applications,.....)



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Ajay Sidpara  
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## References

- ✓ Micro-Cutting: Fundamentals and Applications by Cheng & Huo, Wiley.
- ✓ Precision manufacturing by Dornfeld and Lee, Springer.

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variabel x dengan jenis data kuantitatif misalkan pengaruh jumlah camilan yang dikonsumsi terhadap tinggi dan berat badan  
rumus  $y = a + b_1x_1 + b_2x_2 + e$  y variabel dependen x variabel independen a konstanta

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web hier finden wir unter anderem die beste beschreibung welche obst und gemüsesorten optimal für die verarbeitung mit einem spiralschneider sind und wie man sie dafür vorbereitet zudem gibt es ein tolles spiralschneider kochbuch mit

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web 8 spiralschneider im test wer im internet oder in der hauswarenabteilung nach spiralschneidern sucht findet mittlerweile ein großes angebot angefangen bei einfachen spiralizern die aussehen wie ein überdimensionierter doppelanspitzer bis hin zu regelrechten schneidemaschinen mit mehreren klingenaufsätzen

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web spiralschneider sind auf dem markt allerdings in verschiedenen formen erhältlich als elektrische küchenmaschine als kurbelgerät oder in form eines gemüsespitzers ausgestattet sind die spiralschneider mit verschiedenen klingen die es möglich machen gemüsespiralen von unterschiedlicher stärke herzustellen