

DIPLOMA THESIS

Documentation

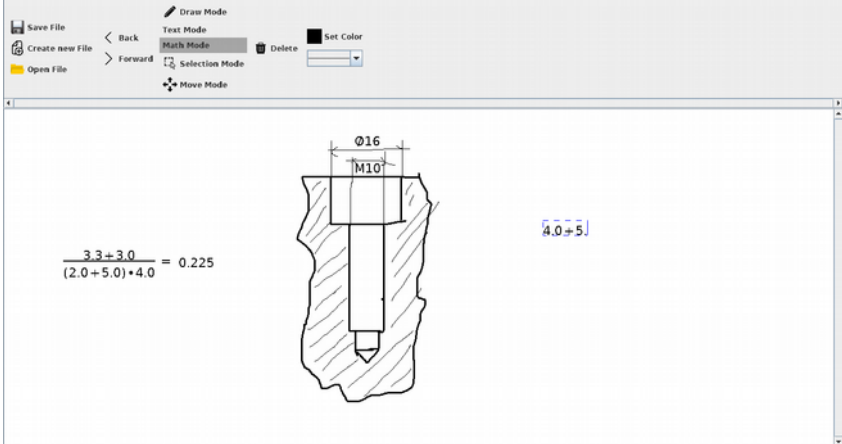
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Form Academic year	5AHWII 2016/17
Topic	EPIC (Electronic Programmable Intelligent Calculator)
Co-operation partners	

Assignment of tasks	<p>EPIC is an advanced pen-operated tablet-calculator. EPIC can perform complex calculations, create graphs and solve equations. It's main purpose is to replace hand-written and computer-aided notes, this makes an ideal combination of both systems in one portable device. The entire system is stored on a replaceable SD-card, this makes easy software-updates and resets possible. The long-lasting battery guarantees a continuous workflow without interceptions.</p>
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Realisation	<ul style="list-style-type: none"> • completed hardware • created case • installed system-software • implemented GUI in Java • programming of mathematics-system finished • finished GUI-design • combining and testing of all components • final marketing-measures
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Results	A fully functional tablet-pc where calculations, notes, sketches, etc. can be created.
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	HÖHERE TECHNISCHE BUNDESLEHRANSTALT HOLLABRUNN COLLEGE of ENGINEERING	
	Department: Industrial Management Educational focus: Business Information Systems	

Illustrative graph, photo (incl. explanation)	
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Participation in competitions Awards	
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Accessibility of diploma thesis	https://www.github.com/frequem/EPIC
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Approval (date / signature)	Examiner	Head of College / Department
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