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Maths at your fingertips

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Actionable relationships

• Imagine having a set of mathematical relationships on your touch screen
  - ROE = Net Income/Equity; Net Income = Pre Tax Profit*Tax Burden; etc

• How to make them actionable
  – To exchange inputs and outputs by a swipe
  – To fix/release values by a touch
  – To make all conceivable what ifs without typing/rewriting/doing the maths

• How to count with your fingers in the mobile era!

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BREDEG Organisation Profile

BREDEG is a collaborative organization with

University professors:
- Manuel Moreno, Universitat Politecnica de Catalunya
- Joan Josep Sunyol, Fabiola Vilaseca, University of Girona
- Timo Tiihonen, University of Jyvaskyla

as well as different private companies

coordinated by
- Josep Tarrés
Introduction to MNT

MNT complements the present knowledge and use of numerical relations

With MNT you learn and use mathematical relations with “true” mobile technology.

MNT: Intuitive, graphical, fast and reliable for
- Learning (touch screen native preschoolers)
- Process control (IoT GUIs etc)
- Teaching (tools to support system level understanding (science, economics, etc)

MNT
- Has global potential (no severe language dependencies)
- Widens the possibilities, increases problem solving, simplifies calculations of present methods, shortens learning process

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A disruptive technology with high impact.

The vision
New ways to deal current methods trough mobile devices

Motivation
Improvement of Education and derived industrial applications

Expected outcome
A new way to complement the knowledge and use of numerical relations

Impact
It broadens user base. High market impact whenever a standard is achieved

Schedule
2018 Pilots
2019 Edu
2019 Industry
A REWARDING INITIATIVE with high ROI

Further development would benefit from contributions by
- Software/game designers (to develop attractive and usable tools)
- Learning/cognition researchers (to study, validate and justify the approach)
For more information and for interest to participate please contact:

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