Изчислимост (но накратко!)

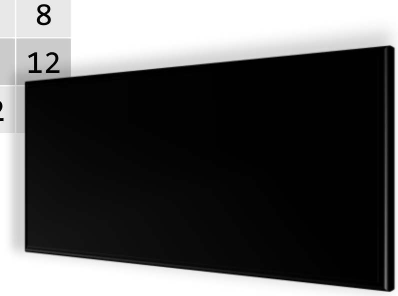
Атанас Семерджиев

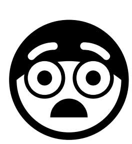
1

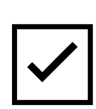
(Какво всъщност НЕ Е) Математиката

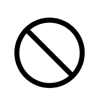
	1	2	3	4
1	1	2	3	4
2	2	4	6	8
3	3	6	8	12
4	4	8	12	

$$a^2 + b^2 = c^2$$









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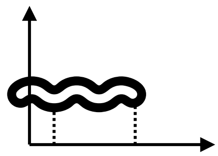
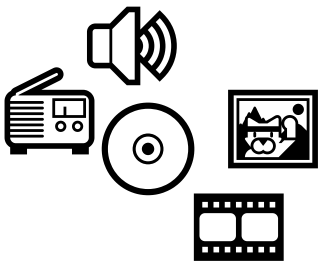
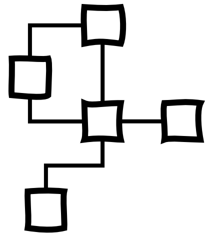
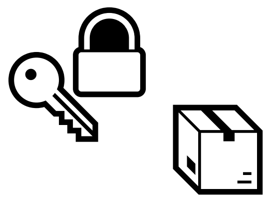


Математически анализ

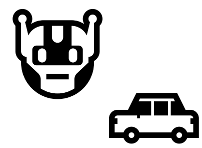




Висша алгебра



Теория на вероятностите / Математическа статистика



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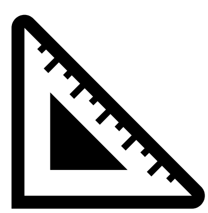
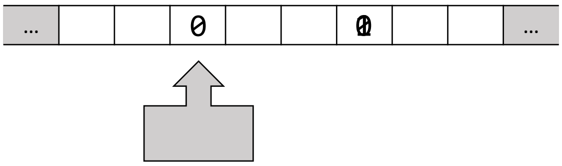
S – безкрайно множество

$$\sum_{i \in S} 1$$



$$a^2 + b^2 = c^2$$

4



Машини на Тюринг

Машини с неограничени регистри

и др.

```
+k: k-пъти повтаряме +1
*m: m-пъти повтаряме +k
и т.н.
```

Ламбда смятане

Рекурсивни функции

Формален извод

и др.

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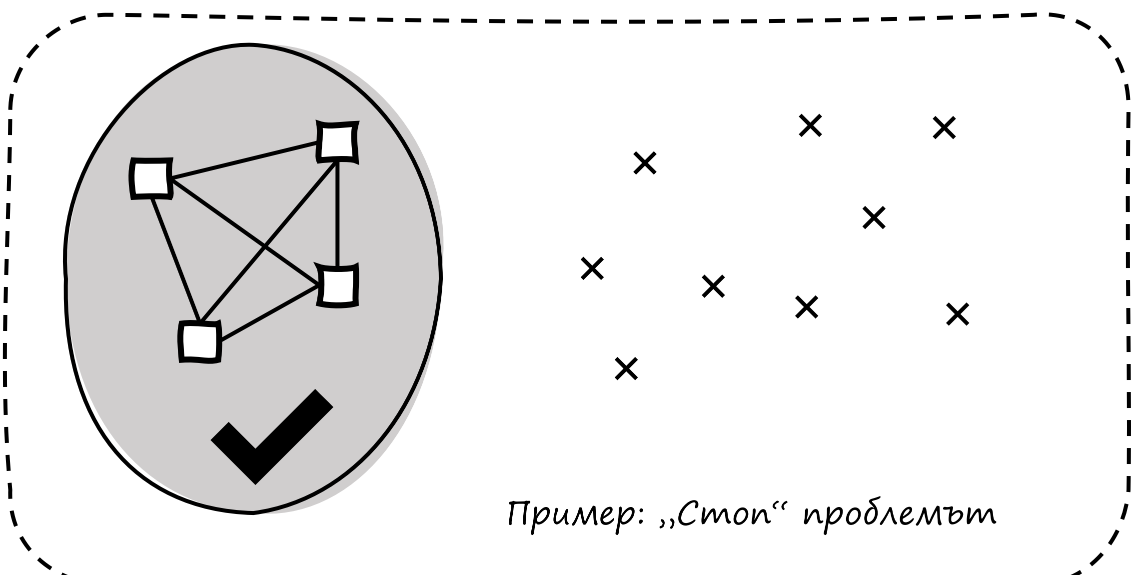

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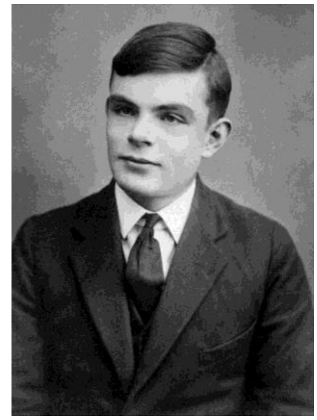
Джон фон Нойман
(1903 – 1957)

Джон Атанасов
(1903 – 1995)



Алън Тюринг
(1912 – 1954)

* Източник на изображенията: Уикипедия

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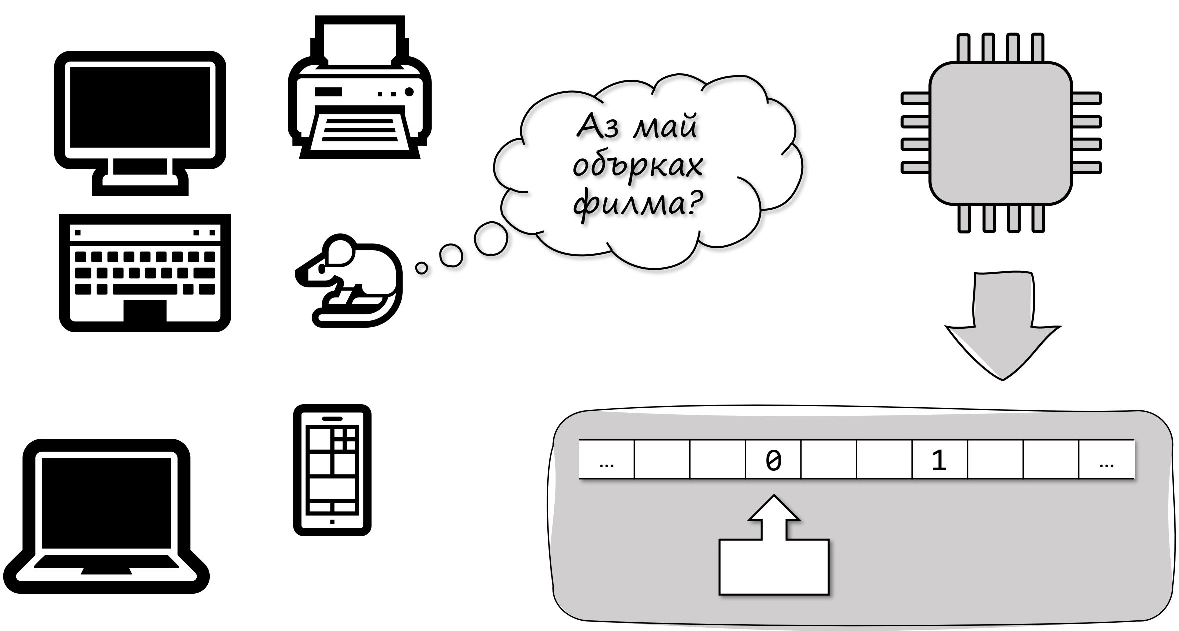

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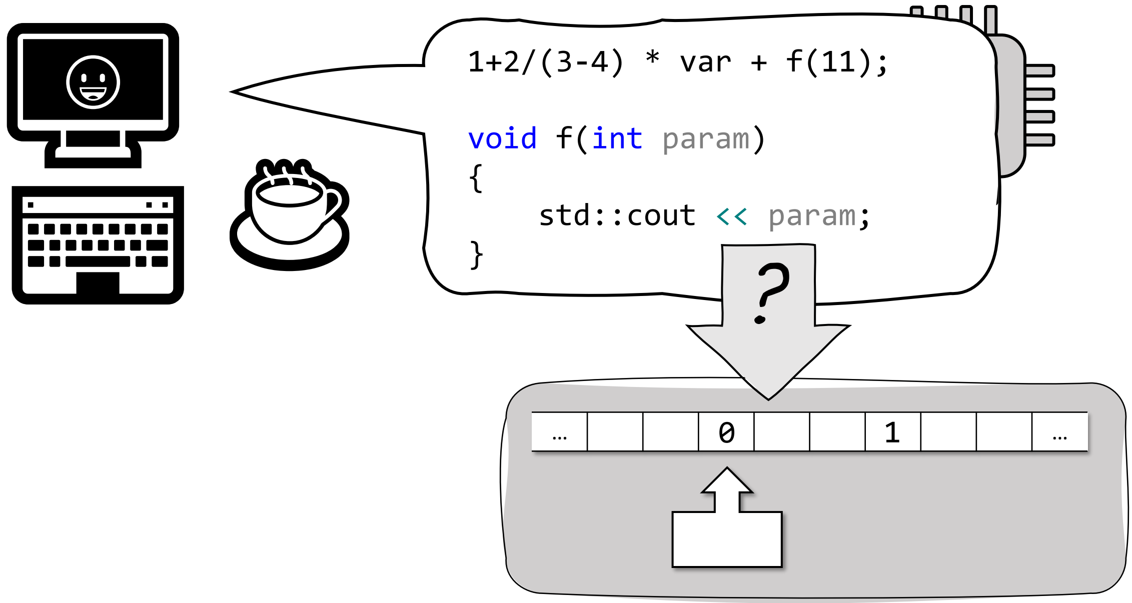

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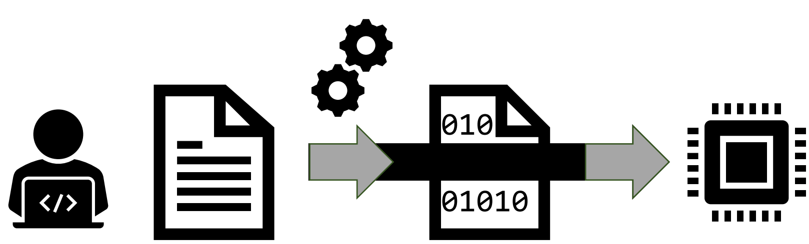

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Кой е измислил компютъра?

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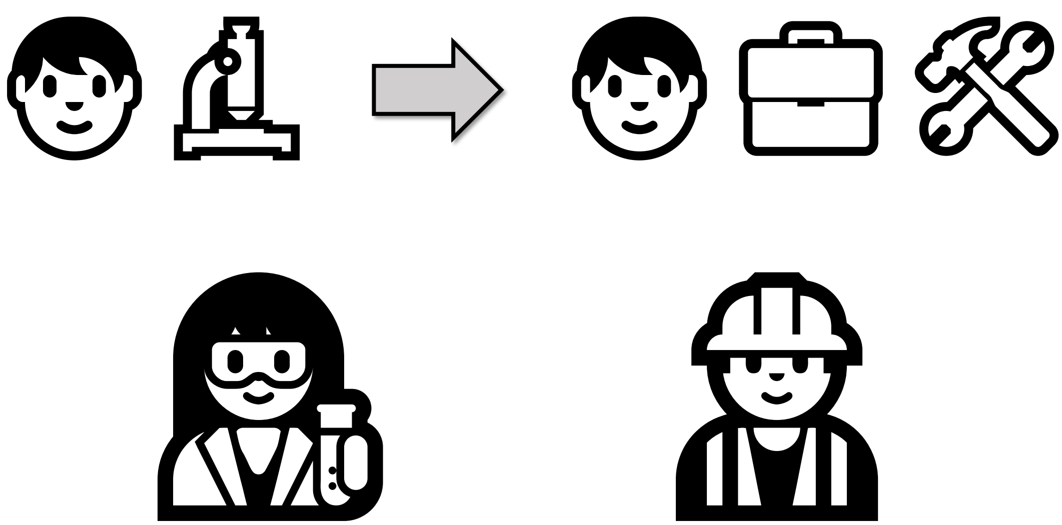

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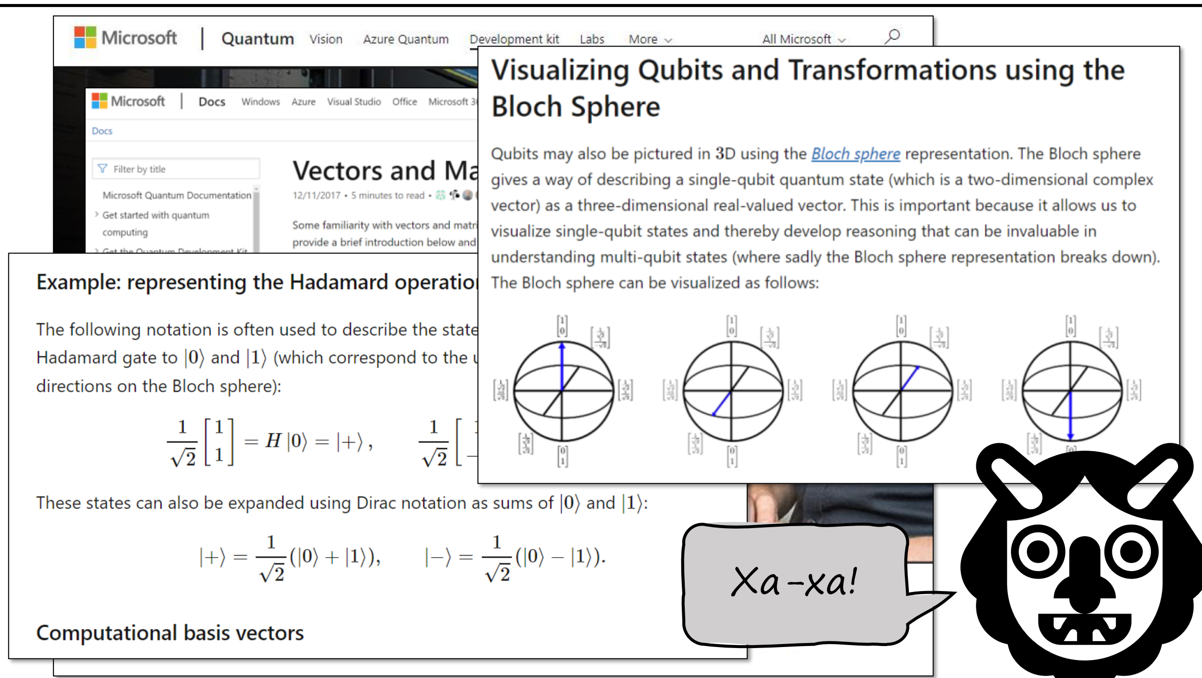

* Източник на изображенията: https://docs.microsoft.com/en-us/quantum/concepts/

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