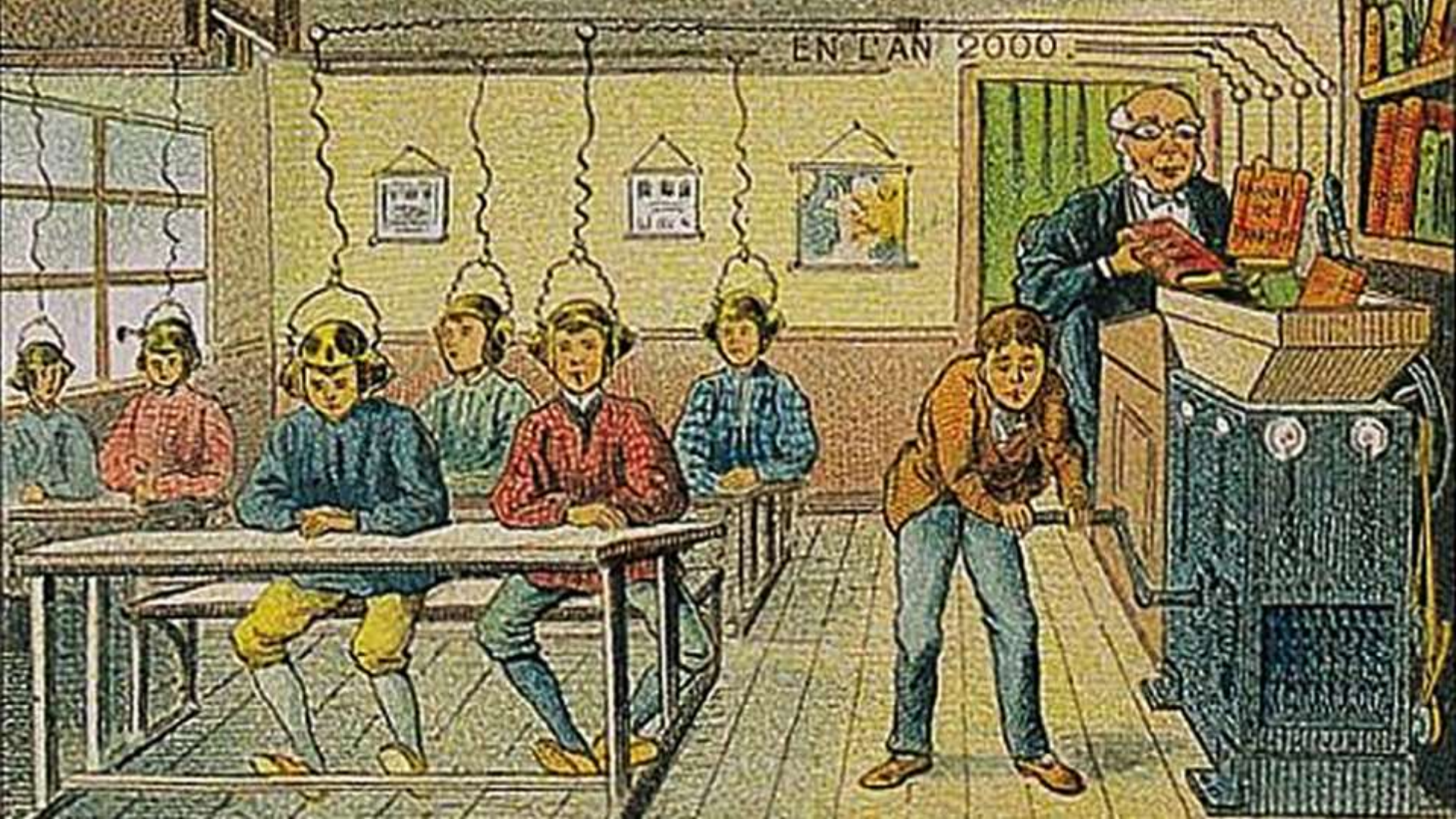


I SEMINÁRIO IBRACON SOBRE O ENSINO DE ENGENHARIA CIVIL



EN L'AN 2000.





Peter Drucker (1906-2005)

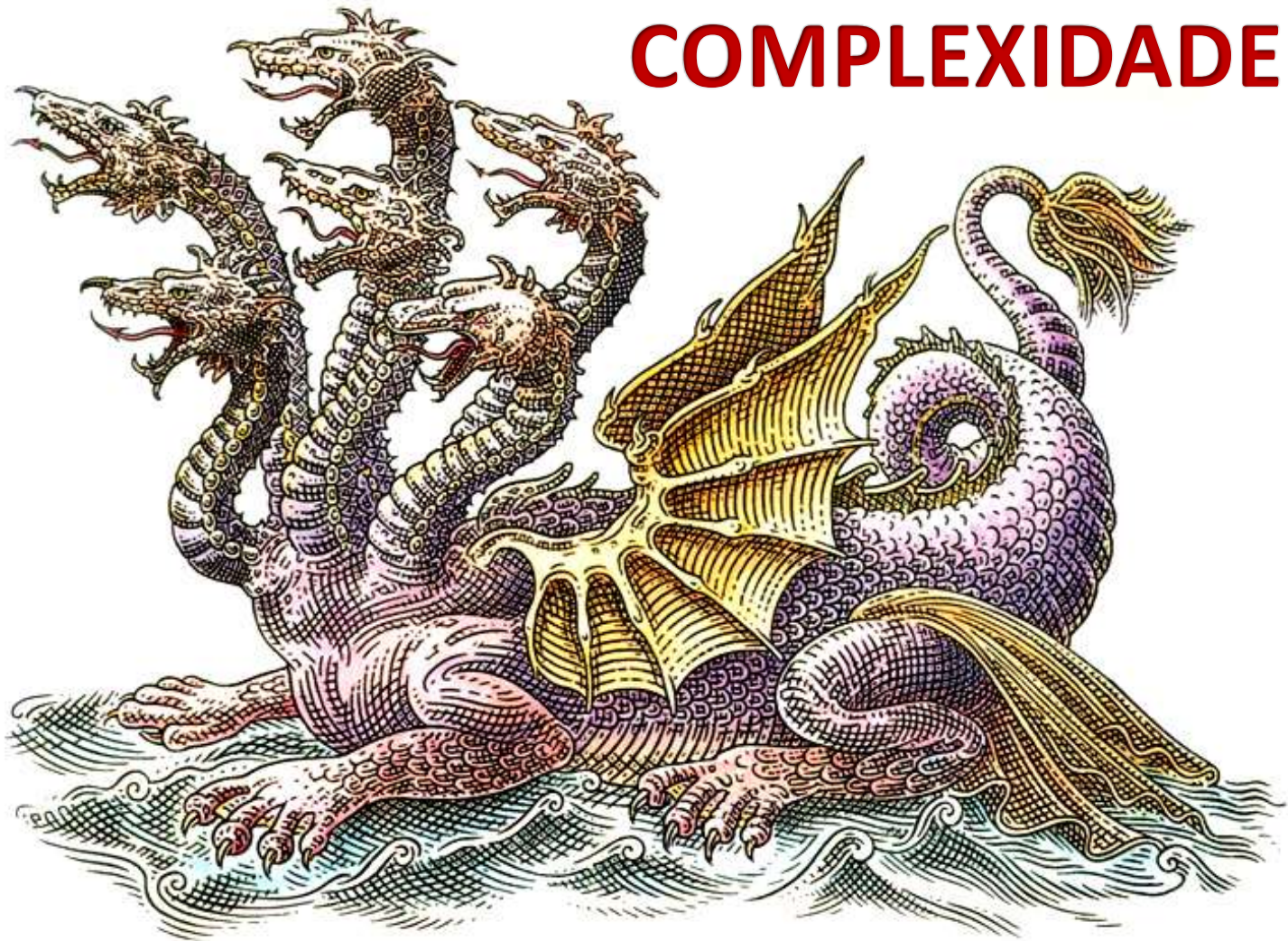




INCERTEZA



COMPLEXIDADE





Você percebeu que os negócios mudaram?



A maior empresa de táxis do mundo não possui nenhum veículo em sua frota;



A maior empresa de mídia do mundo não produz nenhum conteúdo para seus anunciantes;



O varejista virtual mais valorizado não possui nenhum produto em seu estoque;

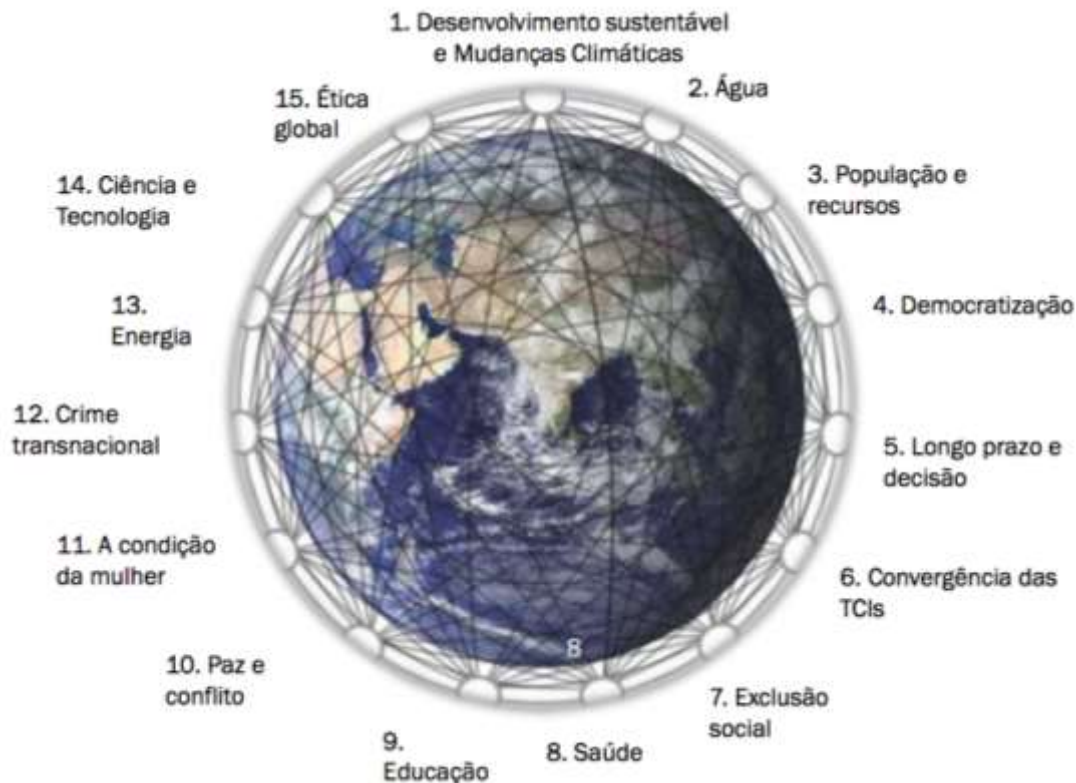


A maior empresa de reservas de hospedagens do mundo não é proprietária de nenhum de nenhum imóvel.



A maior escola de idiomas do mundo e o maior *language test center* não possui uma única sala de aula.







OCT
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3 PENSADORES



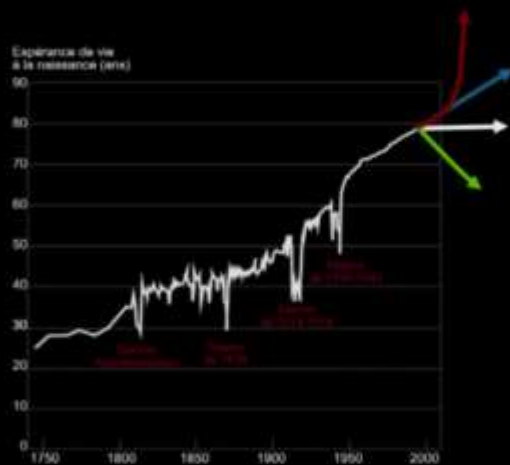
Laurent Alexandre



TEDx Paris



Avec les NBIC que devient la courbe ?



Nano-technologie

Bio-technologie



Cognitive
Science du cerveau &
intelligence artificielle

Informatique



ÉCOLE

2014

MÉDECINE

1750



A photograph of Ray Kurzweil, an older man with glasses and a dark blue button-down shirt, speaking on a stage. He is gesturing with his right hand and holding a small device in his left. The background is a red wall with dark panels. A small microphone is clipped to his shirt.

RAY **KURZWEIL**

Ray Kurzweil:

Get ready for hybrid thinking

TED2014 9:52 Filmed Mar 2014
Subtitles available in 18 languages



« In 2035, people will use nanobots to connect the capillaries of their brains to the cloud. »

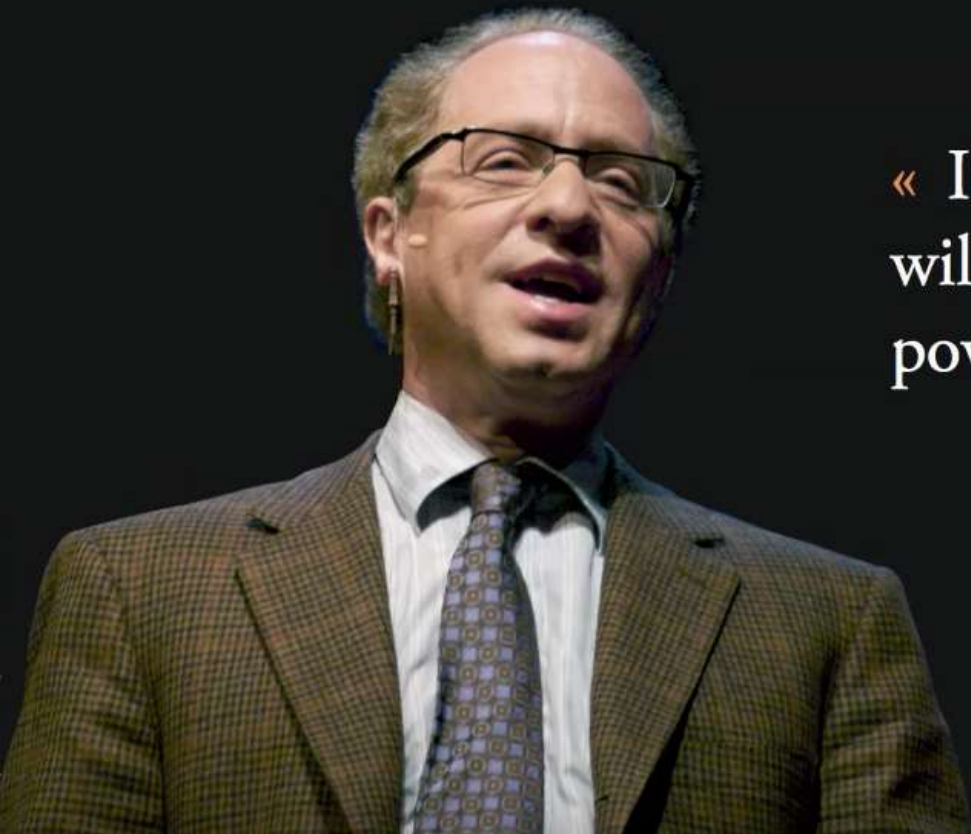




Artificial intelligence

Anything you can do, AI can do better.
So how will it change the workplace?





« In 2045, Artificial Intelligence will be a billion times more powerful than all human brains. »

RAY KURZWEIL



2045: o ano em que os computadores assumirão o poder

Um computador vai escrever o melhor romance de todos os tempos em um segundo, resolver o maior mistério da ciência em um décimo de segundo e descobrir o sentido da vida, do universo e tudo o mais em menos tempo do que você leva para terminar este parágrafo.

What is Singularity University?

Our mission is to educate, inspire and empower leaders to apply exponential technologies to address humanity's grand challenges.

"Singularity University, where the world's brightest minds convene to attack the world's toughest challenges."

—BloombergTV



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Key technologies covered in the program include:



**Biotechnology +
Bioinformatics**



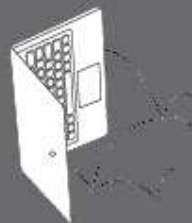
AI + Robotics



**Energy +
Environmental
Systems**



**Medicine +
Neuroscience**



**Networks +
Computing Systems**



Nanotechnology





« We will make machines that
can reason, think, and do
things better than we can. »

SERGEI BRIN



A humanoid robot with a metallic, silver and black body stands in a vast, flat, brown desert landscape under a clear sky. The robot is holding a smaller, blue and white droid robot (R2-D2) in its arms. The scene is set in a wide, open plain with a low horizon line.

Robots v humans

Will your career be vulnerable to automation?



Elon Musk: A mente por trás de Tesla, SpaceX, SolarCity...



O empresário Elon Musk é um homem com muitos planos. O fundador de PayPal, Tesla Motors e SpaceX senta-se com o curador do TED, Chris Anderson, para compartilhar detalhes sobre seus projetos visionários que incluem um carro elétrico comercializado em massa, uma empresa de locação de energia solar e um foguete completamente reutilizável.





3 FONTES DE CONHECIMENTO



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Dick K.P. Yue, Professor, MIT School of Engineering

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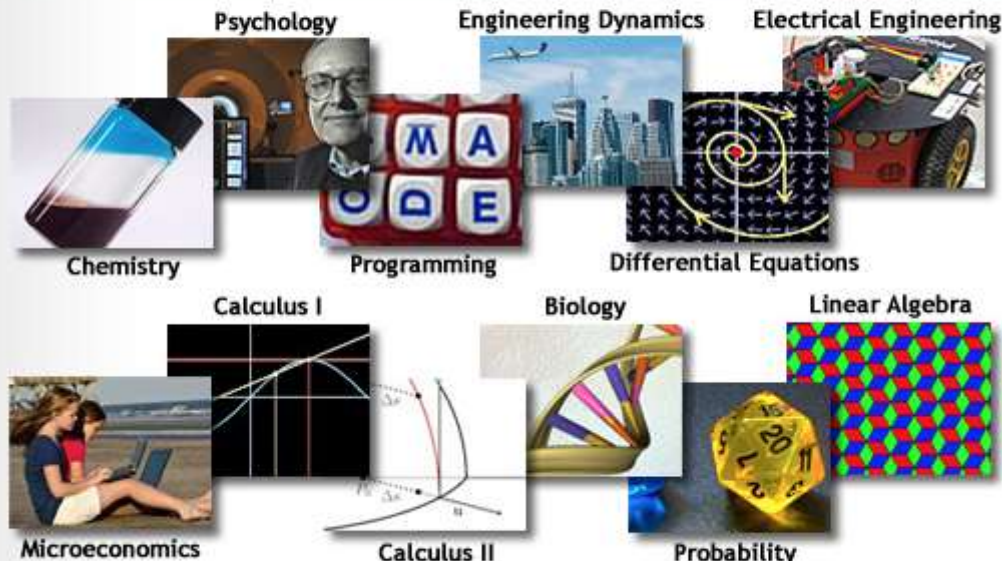
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Ken Robinson

How schools kill creativity

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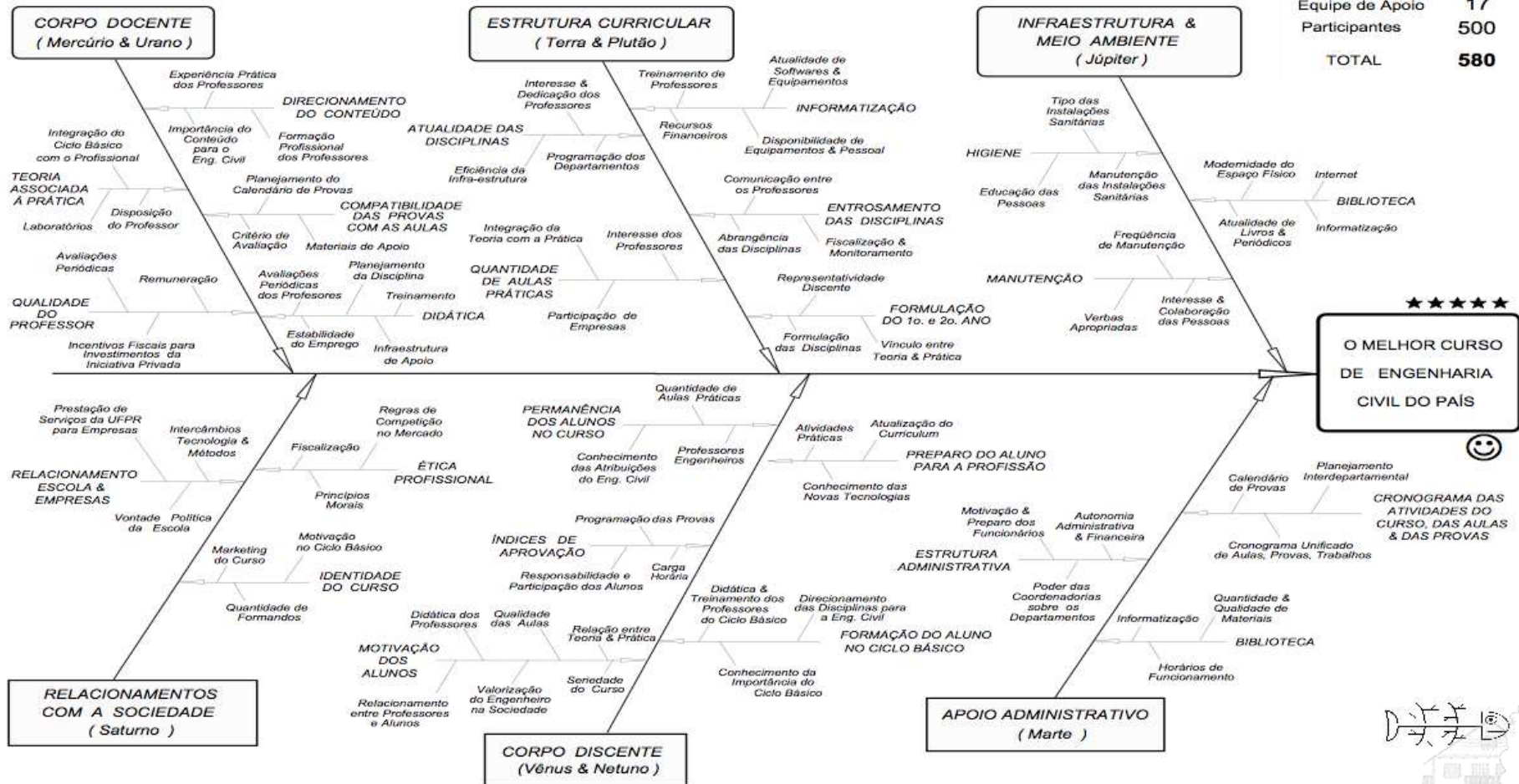
30



PROJETO ALBATROZ : Síntese dos nossos Principais Problemas & de suas Causas - VERSÃO # 01 : PRELIMINAR

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Coordenadores & Facilitadores	63
Equipe de Apoio	17
Participantes	500
TOTAL	580





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