

FUKUDA.AI

Established in October 2019



FUKUDA.AI



+ Đóng góp vào sự phát triển công nghệ AI và giải pháp người máy robot. FUKUDA.AI mong muốn sẽ đưa ra giải pháp tối ưu cùng sản phẩm chất lượng đến với khách hàng. Ngoài ra, chúng tôi không ngừng nỗ lực, phấn đấu để trở thành công ty Việt Nam đưa thương hiệu sản phẩm sáng tạo đến với các khách hàng quốc tế.

+ Contribute to the development of AI technology and robotic solutions. FUKUDA.AI wishes to offer the optimal solution and quality products to customers. In addition, we are constantly striving to become a Vietnamese company that brings innovative product brands to international customers.

+ ベトナム初のロボットメーカーとして、ベトナムの技術発展に寄与すること。また、人々と創造することの楽しさ、喜びを分かち合える会社になれるよう、努力を続けます。

Introduce

FUKUDA.AI: Vietnamese Technology Company.

As a company specializing in exporting software services, FUKUDA.AI provides software development and maintenance services, ERP system implementation, application conversion, embedded systems, IoT.

Fukuda.AI company provides software solutions for manufacturing factories.

1- Smart factory management software.

2- Vision System software for solutions for processing information by image.

3- Robot embedded programming software.

4- Development and commercialization of Cobot & Robot products.

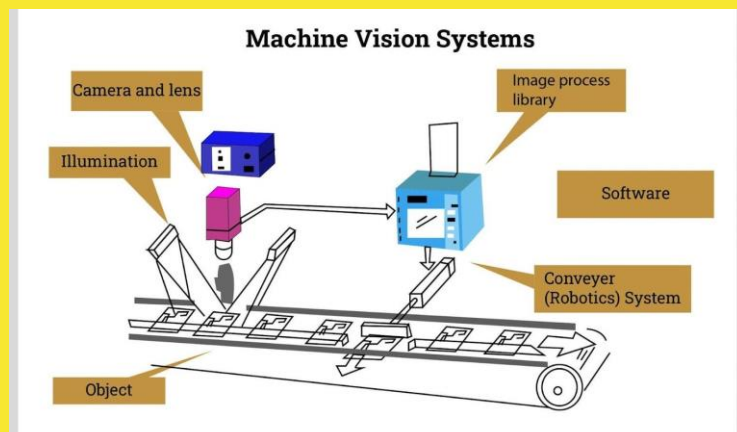
5- Factory automation solutions.

6- Humanoid Robot Research & Development.

7- Quantum Computing Research Center.

FUKUDA.AI is focusing on research and development of quantum computing and AI.

*FUKUDA.AI has 3 offices in 3 countries including Vietnam, Japan, America.





FUKUDA.AI Drawings Contract System management File 3D EN US Test

Manage 3D file list (2)

No Number	Image	File name	Part number	Revision	Area	Size	Action
1		10024378031T	10024378031T	^CREO PARAMETRIC BY PTC INC	2145.19	21.04x37.08x40.60	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> (1)
2		hinh 9.STEP	TEST	SwSTEP 2.0	60.68	3.94x3.94x3.94	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
3		10024378023B	10024378023B	^CREO PARAMETRIC BY PTC INC	1.41	1.68x1.68x3.36	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
4		X18069042-1_Rev_7-9-2019.stp	X18069042-1_Rev_7-9-2019	/* preprocessor_version */ ^ST-DEVE...	42.77	8.96x8.96x20.00	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
5		X18069043-2-1_7-8-2019.stp	X18069043-2-1_7-8-2019	/* preprocessor_version */ ^ST-DEVE...	1.75	0.90x0.90x1.04	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
6		10024378027T	test123456	^CREO PARAMETRIC BY PTC INC	1826.2	19.60x35.10x38.75	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
7		10024378029T	10024378029T	^CREO PARAMETRIC BY PTC INC	1963.53	20.34x35.81x39.43	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
8		10024378021B_PRT	BOE1-1717306-4005-1	^CREO PARAMETRIC BY PTC INC	0.07	0.62x1.06x1.16	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
9		10024378023T	RAY1-NPD1200000-99	^CREO PARAMETRIC BY PTC INC	0.08	0.71x1.19x1.20	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
10		X18069044-1_7-8-2019.stp	X18069044-1_7-8-2019	/* preprocessor_version */ ^ST-DEVE...	14.05	6.47x6.47x3.52	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
11		10024378025T	10024378025T	^CREO PARAMETRIC BY PTC INC	1505.8	18.67x31.07x31.53	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
12		20201-04004-119_REV-01.stp	20201-04004-119_REV-01	CATIA Version 5-6 Release 2018 SP4	96963.5	741.78x102.95x33.22	<input type="button" value="View"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>

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FUKUDA.AI QUANTUM COMPUTING IN THE FUTURE



Computer security, biomedicine, finding new materials... are all fields that can be revolutionized by advances in quantum technology. These are some of the most significant benefits of using quantum computers. That's why we are investing in human resources and a quantum computing research center in the coming period. With the goal of applying applications from quantum computers to the fields of finance, cybersecurity, and logistics to optimize processes and develop more effectively.

CNC Robot

Project: SCARA ROBOT

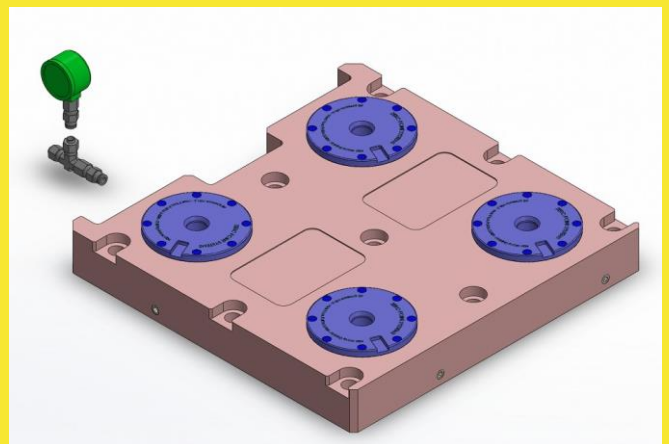
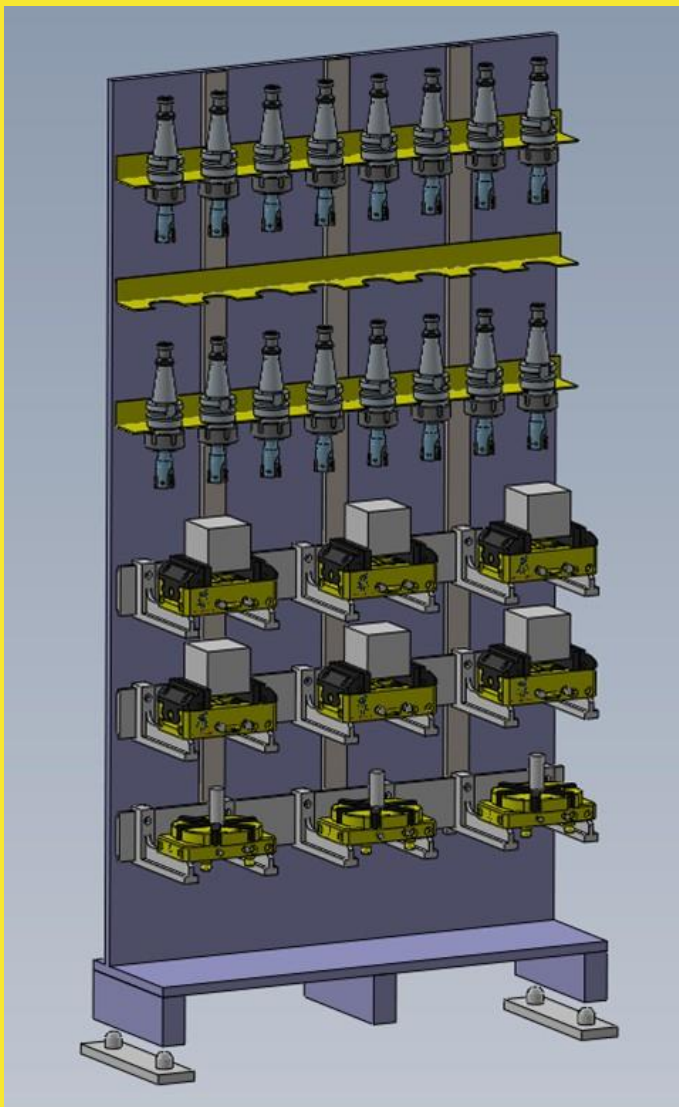
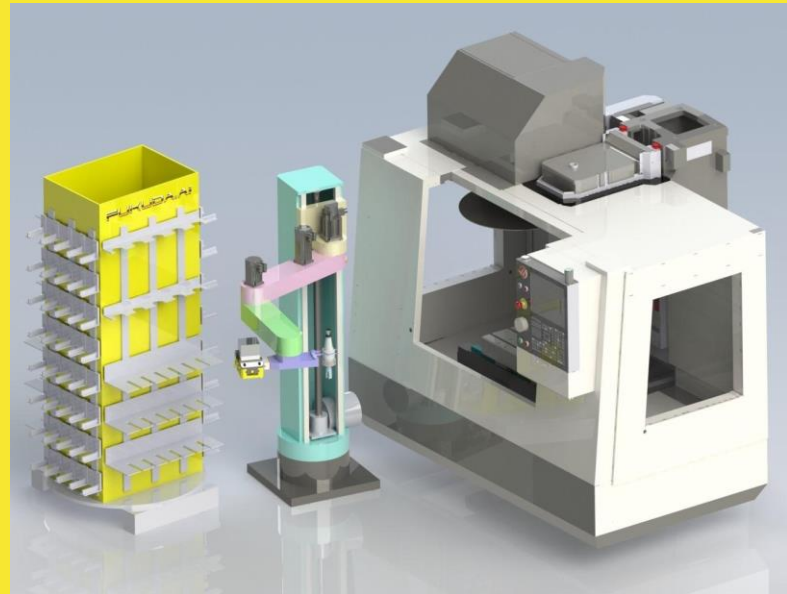
Maximum operating area: 1300 mm

Maximum speed: 1m/s

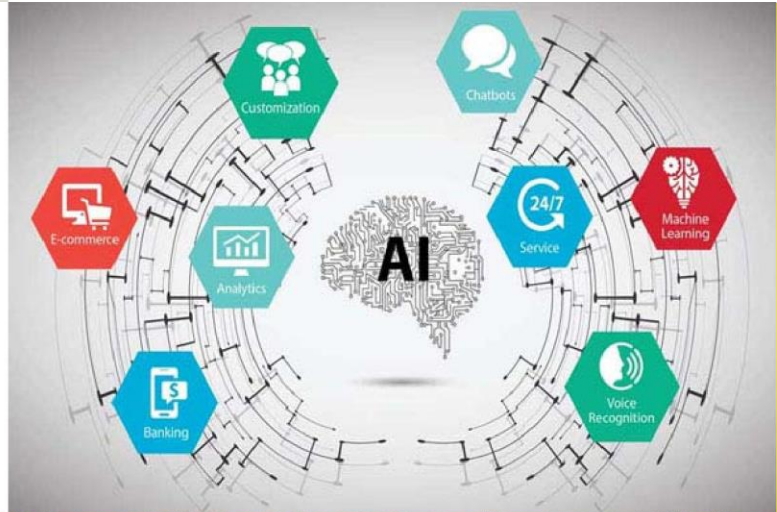
Maximum load: 100kg

Application: Provide workpieces, jigs and tools for automatic CNC machine operation

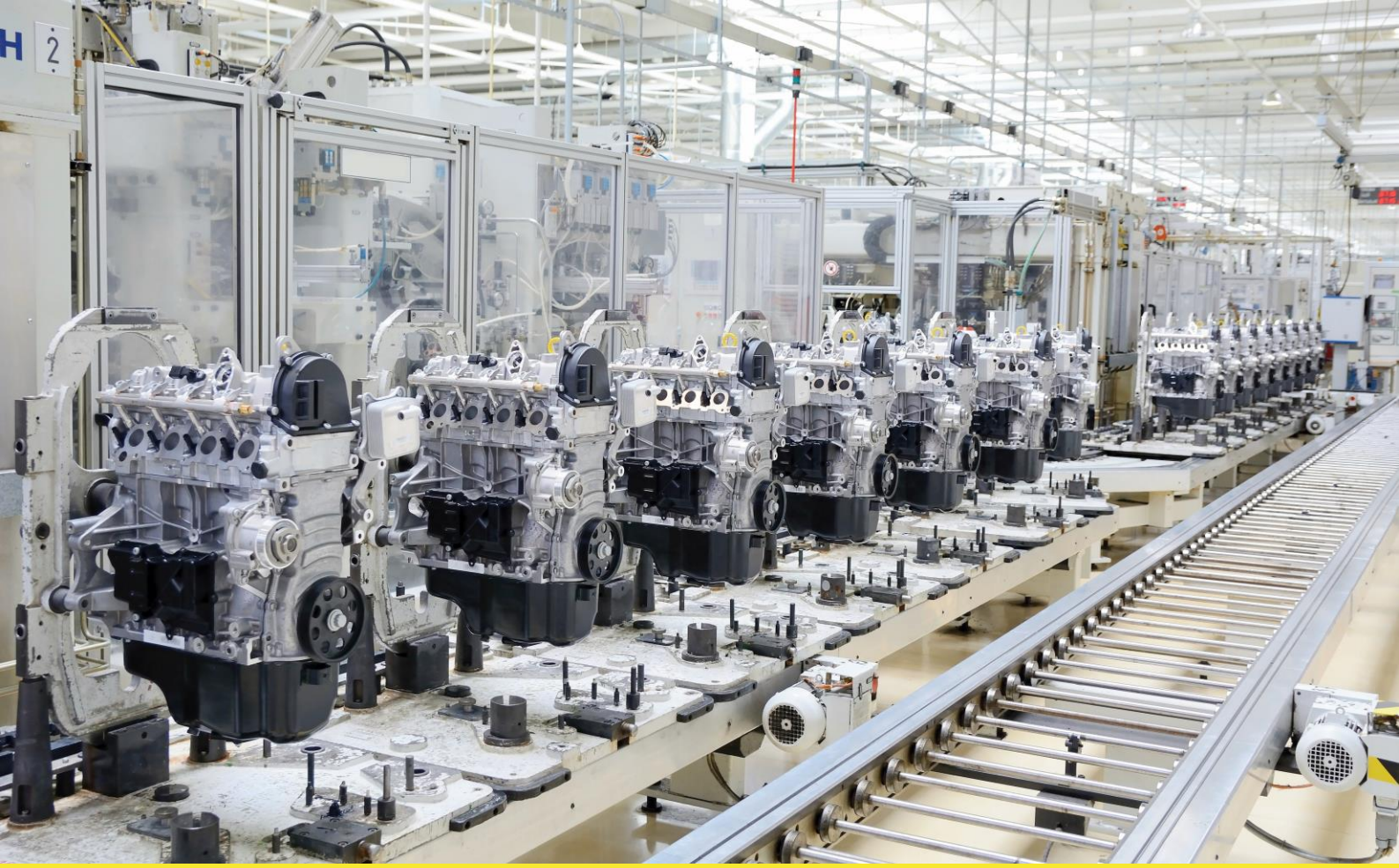
Functions: user-friendly, easy onboard programming, connection via common software



- Minimize the time to change the workpiece / jig
- Reduce costs of labor, machine and jig.
- Customizable variety of workpiece / jig
- Flexibility to change the product model
- High repeat accuracy 0.005 mm
- Maximize the performance of CNC machines



Machine Learning Internet of things(IOT)



FUKUDA.AI Drawings Contract System management File 3D EN test

10024378031B
Reversion: CREO PARAMETRIC BY PTC INC
Material:
Information
Size information
Size: 20.269x37.0344x40.5753
Area: 2116.94
Volume: 3.0728
Geometric structure
Plane: 170
Cylinder: 65
Cone: 8
Sphere: 2
Torus: 41
Bezier: 0
Revolution: 0
Extrusion: 44
Offset: 0
Other: 0
Bspine: 400

Back Save

The list file is almost identical

Part #: 10024378031T Name: 10024378031T Size: 21.04x37.08x40.60 83.46% Compare API Data
Part #: 10024378029T Name: 10024378029T Size: 20.34x35.81x39.43 81.87% Compare API Data
Part #: test123456 Name: 10024378027T Size: 19.60x35.10x38.75 80.27% Compare API Data

3D model of a mechanical part.

Production Outsourcing Management Software 3D search software



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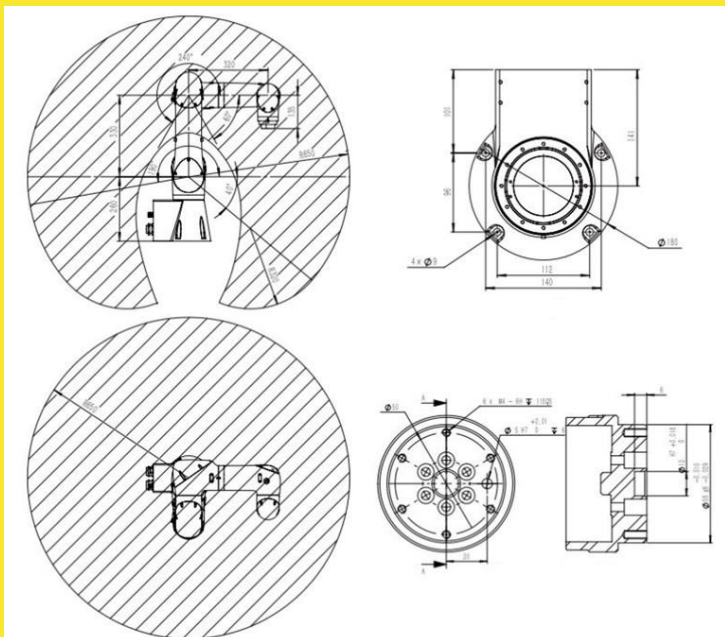
Humanoid Robot



Cobot



FCF7

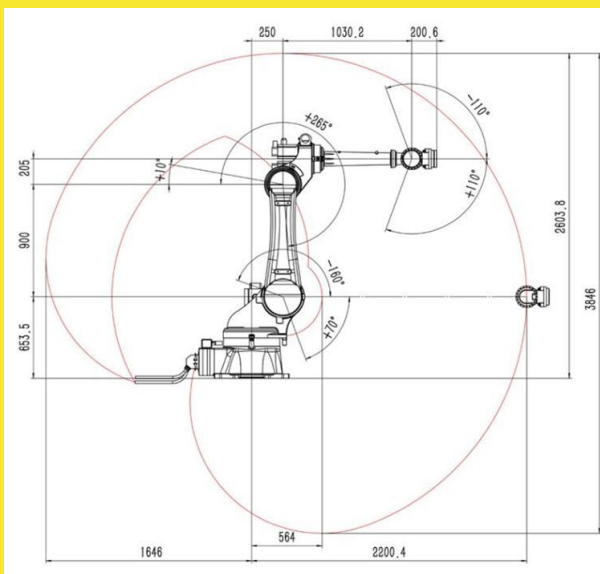


Degree of freedom		6
Payload		7 kg
Max. motion range		885 mm
Repeatability		±0.02 mm
Range of motion	J1	±180°
	J2	-190°/+40°
	J3	-60°/+240°
	J4	±180°
	J5	±180°
	J6	±360°
Maximum speed	J1	200°/s, 3.49 rad/s
	J2	180°/s, 3.14 rad/s
	J3	200°/s, 3.49 rad/s
	J4	300°/s, 5.23 rad/s
	J5	300°/s, 5.23 rad/s
	J6	375°/s, 6.54 rad/s
Allowable moment of inertia	J6	0.12 kg.m ²
	J5	0.23 kg.m ²
	J4	0.31 kg.m ²
Allowable torque	J6	6.8 N.m
	J5	13.3 N.m
	J4	21.56 N.m

Robot



FRF80



Degree of freedom		6
Payload		80 kg
Max. motion range		2200.4 mm
Repeatability		±0.07 mm
Range of motion	J1	±180°
	J2	-160°/+70°
	J3	+10°/+265°
	J4	±360°
	J5	±110°
	J6	±360°
Maximum speed	J1	127.5°/s, 2.22 rad/s
	J2	127.5°/s, 2.22 rad/s
	J3	104°/s, 1.81 rad/s
	J4	177°/s, 3.08 rad/s
	J5	155°/s, 2.7 rad/s
	J6	187°/s, 3.26 rad/s
Allowable moment of inertia	J6	25 kg.m ²
	J5	32.7 kg.m ²
	J4	32.7 kg.m ²
Allowable torque	J6	330 N.m
	J5	340 N.m
	J4	400 N.m

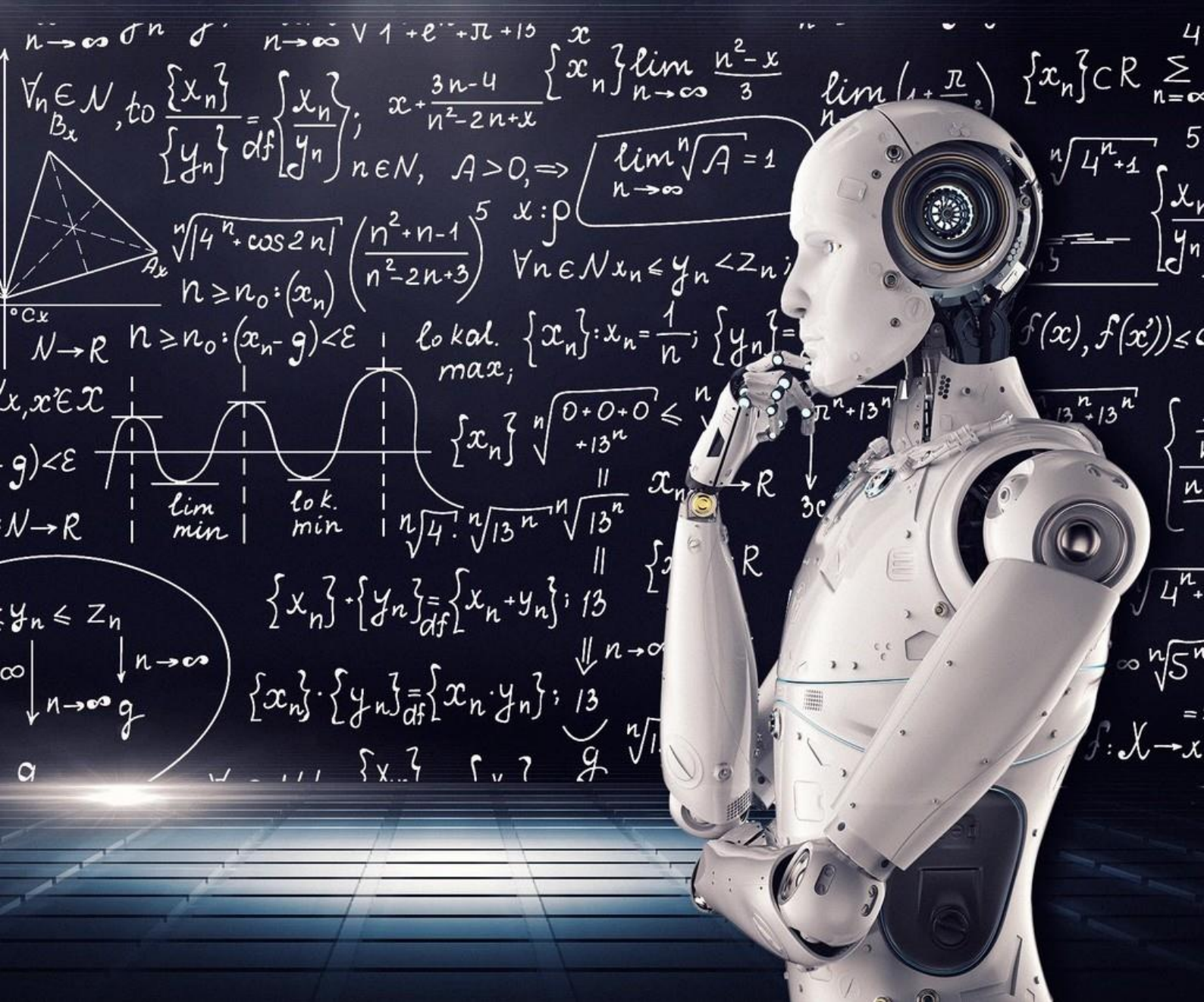




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