

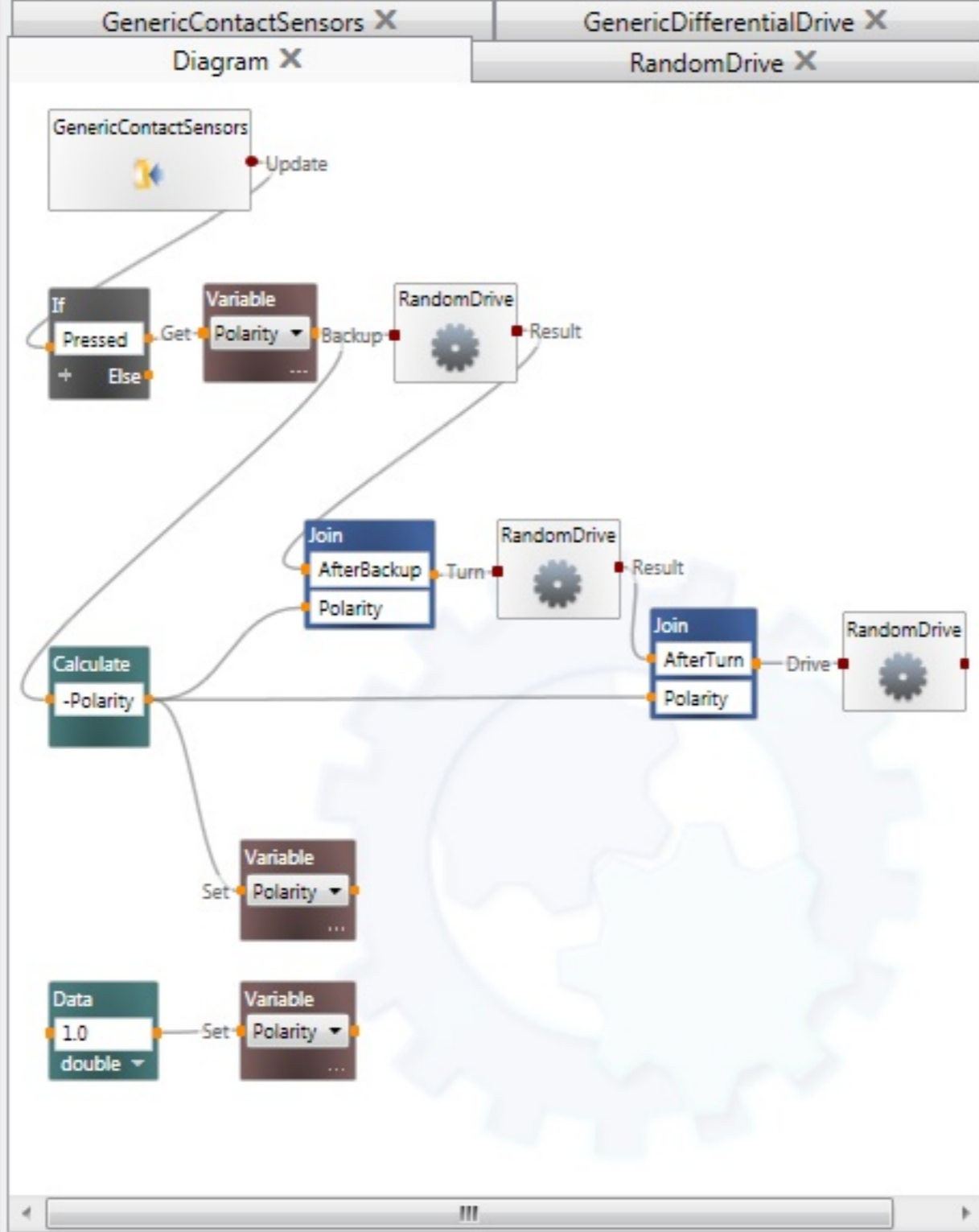
Basic Activities

- Activity
- Variable
- Calculate
- Data
- Join
- Merge
- If
- Switch
- List

Services

Find service ...

- All Found**
- Announce
 - Arcos Bumper
 - Arcos Core
 - Arcos Drive
 - BlobTracker
 - BoeBot BASIC Stamp 2
 - BoeBot Generic Contac
 - BoeBot Generic Encode
 - BoeBot Generic Motor
 - Common DSS Test Imp
 - Direction Dialog
 - Direction Dialog (VB)
 - Explorer
 - fischertechnik®



Project

- Diagrams
 - Diagram
- Configurations

Properties

This element has no properties



▼ Program Flow

- repeat
- repeat (forever)
- repeatUntil
- while
- if
- if / else
- waitUntil
- //comment

▼ Timing

- resetTimer
- wait

▼ Simple Behaviors

- backward
- forward
- moveMotor
- turnLeft
- turnRight

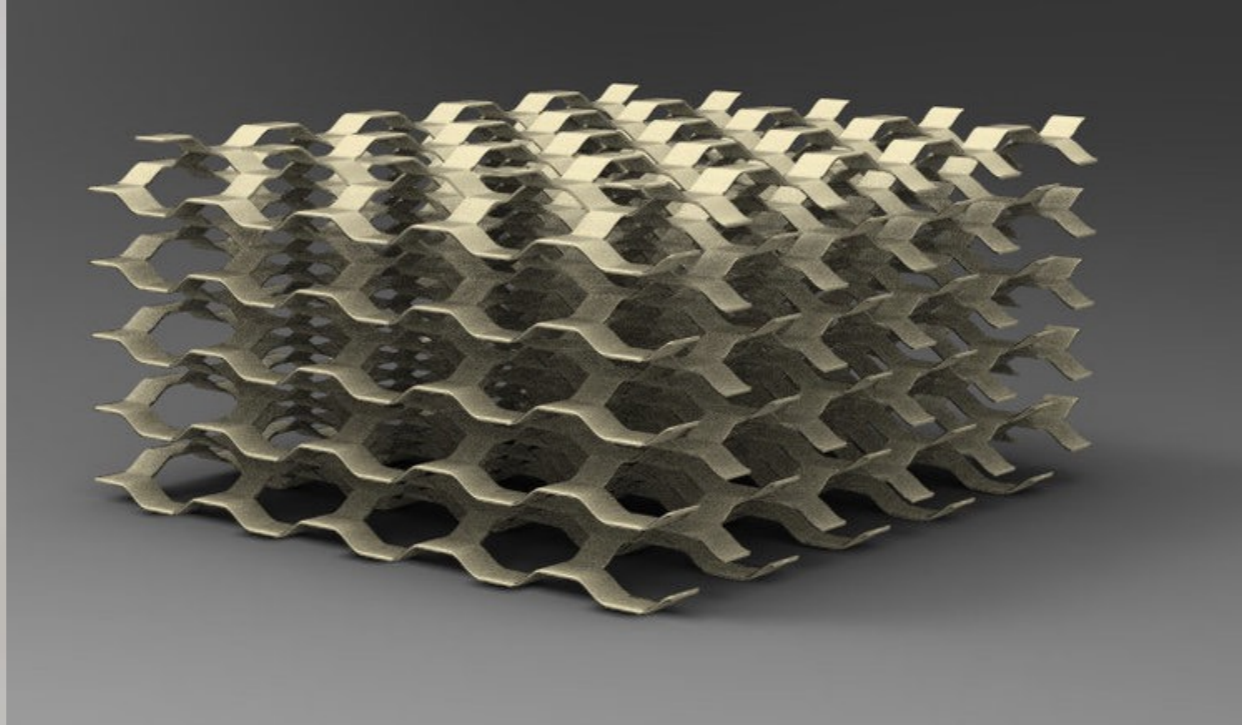
```

1 repeat (forever) {
2   arcadeControl ( ChA , ChB , 10 );
3   // tankControl ( ChD , ChA , 10 );
4   armControl ( armMotor , BtnLUp , BtnLDown , 75 );
5   armControl ( clawMotor , BtnRUp , BtnRDown , 75 );
6   // armControl ( motor5 , BtnLUp , BtnLDown , 75 );
7   if ( getJoystickValue(BtnEUp) == 1 ) {
8     setTouchLEDColor ( touchLED , colorRed );
9   }
10  if ( getJoystickValue(BtnEDown) == 1 ) {
11    leftMotor (motor1)
12    rightMotor (motor6)
13    armMotor (motor10)
14    clawMotor (motor11)
15    touchLED (TouchLED on port2)
16    colorDetector (Color on port3)
17    gyroSensor (Gyro on port4)
18    distanceMM (Distance on port7)
19    bumpSwitch (Bumper on port8)
20    Wireless Controller
21    Timers
22    getColorHue(colorDetector)
23    getColorName(colorDetector)
24    getColorProximity(colorDetector)
25    getColorGrayscale(colorDetector)
  }
  }

```

Compiler Errors

File "C:\Users\tfriez\Desktop\VexIQ Test.rbg" compiled on Oct 14 2014 11:39:35











Embert ölt egy robot a Volkswagen gyárában

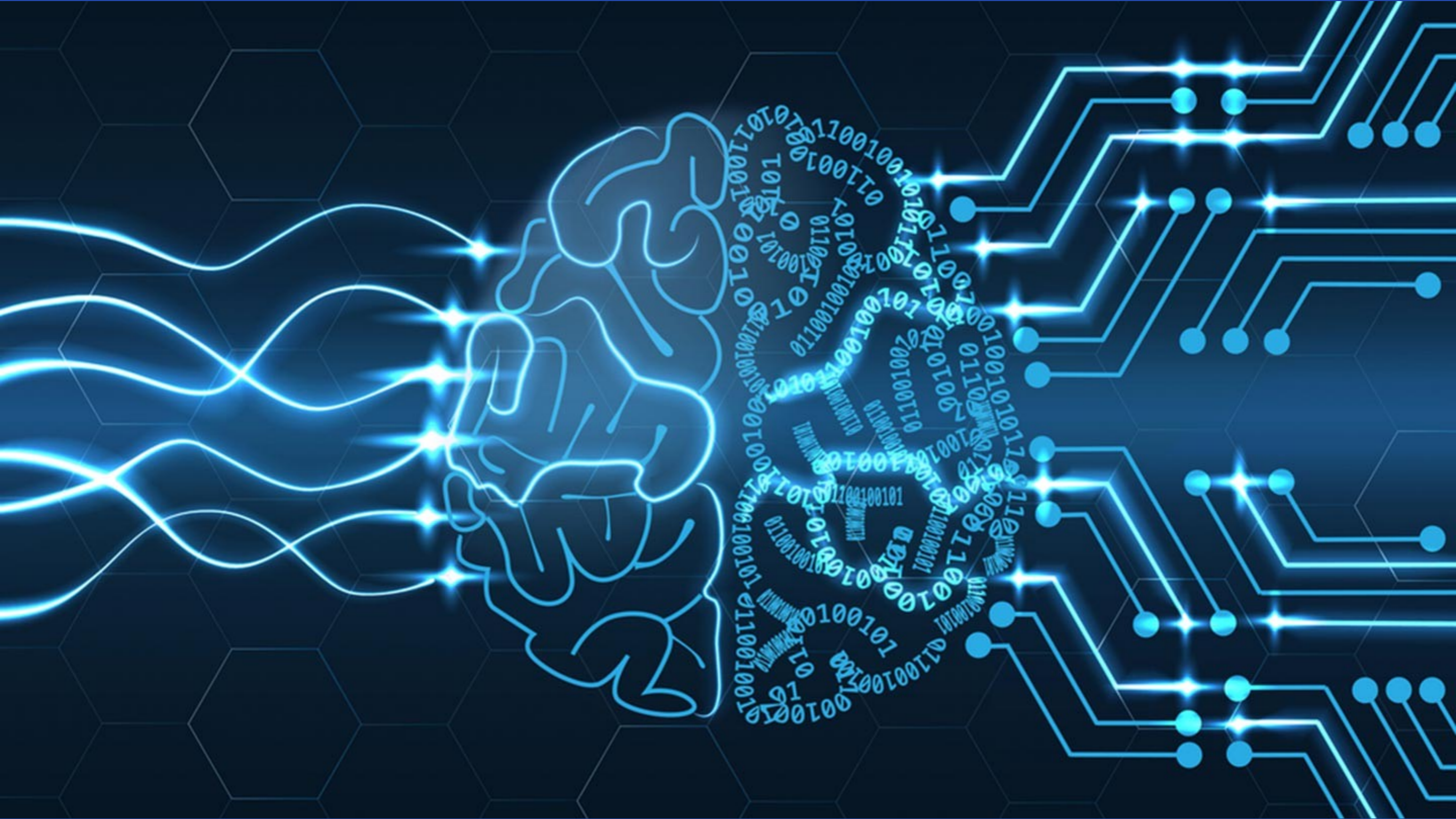
ORIGO | 2015.07.02. 09:54

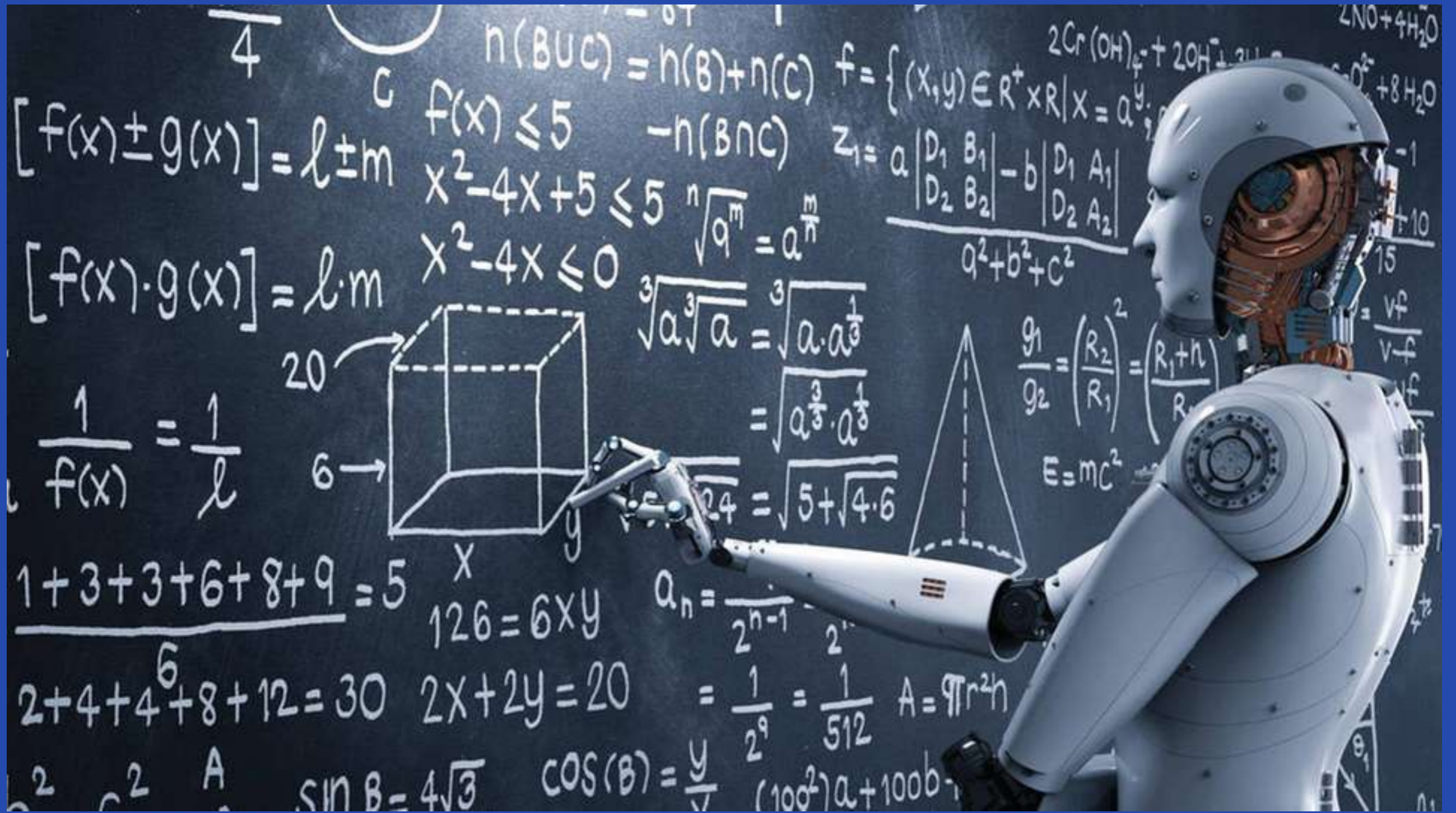
Ez a cikk 4 éve frissült utoljára. A benne szereplő információk a megjelenés idején pontosak voltak, de mára elavultak lehetnek.

Életét vesztette egy munkás a Volkswagen baunatali üzemében. Egy robot telepítése közben történt a tragédia.

A Frankfurtól száz kilométerre lévő baunatali üzemben életét vesztette egy 22 éves munkás, aki kollégájával együtt éppen egy robotot állított üzembe. Telepítés közben váratlanul megmozdult a robot karja, és az egyik munkást egy fémlemezhez préselte. A sérüléseibe a kórházban halt bele.







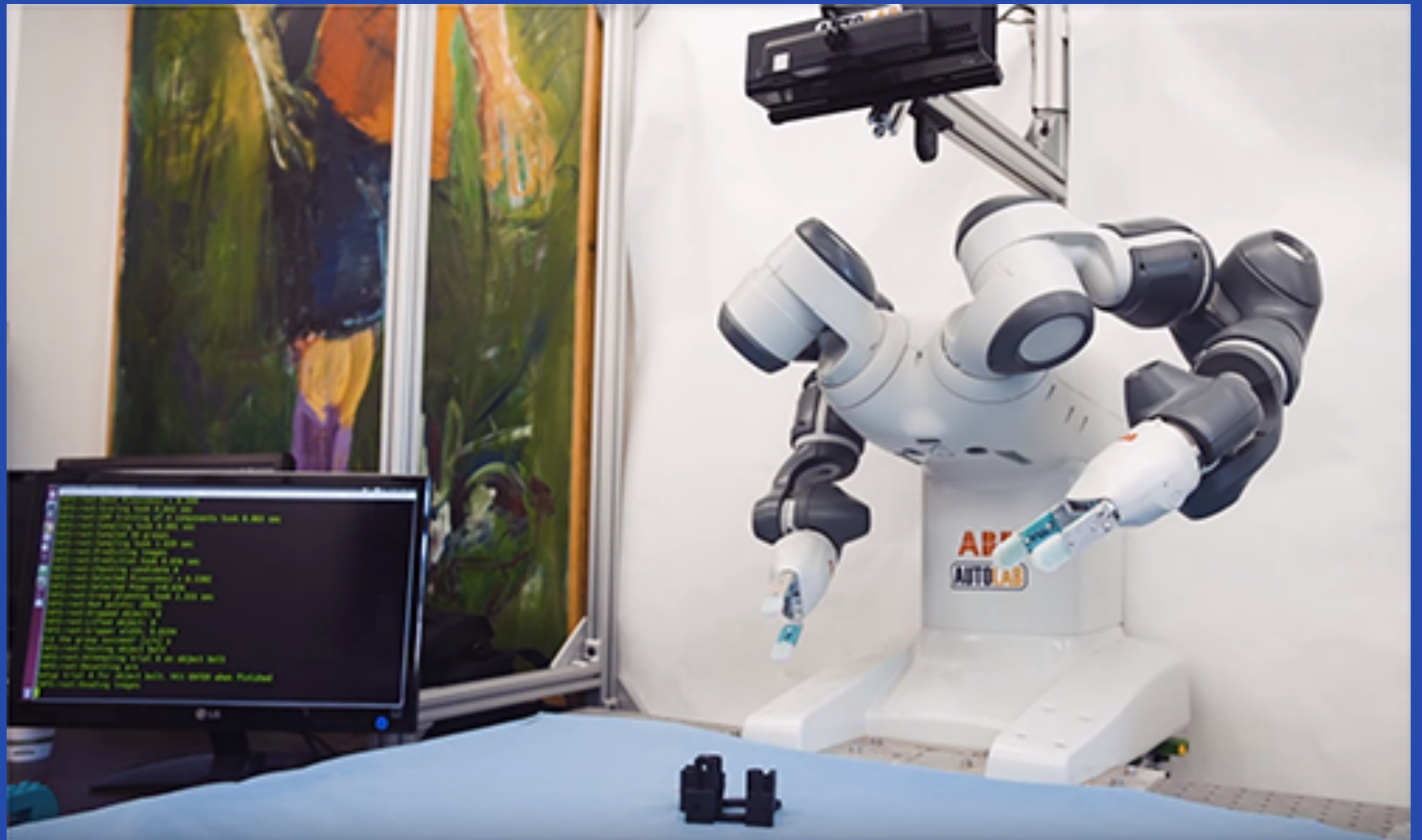
$[f(x) \pm g(x)] = l \pm m$
 $[f(x) \cdot g(x)] = l \cdot m$
 $\frac{1}{f(x)} = \frac{1}{l}$
 $1 + 3 + 3 + 6 + 8 + 9 = 5$
 $2 + 4 + 4 + 8 + 12 = 30$
 2^2
 2^2
 A
 $\sin B = 4\sqrt{3}$
 $\cos(B) = \frac{y}{v}$
 $(100^2)a + 100b$

$n(B \cup C) = n(B) + n(C)$
 $f(x) \leq 5$
 $x^2 - 4x + 5 \leq 5$
 $x^2 - 4x \leq 0$
 20
 6
 x
 y
 $126 = 6xy$
 $2x + 2y = 20$

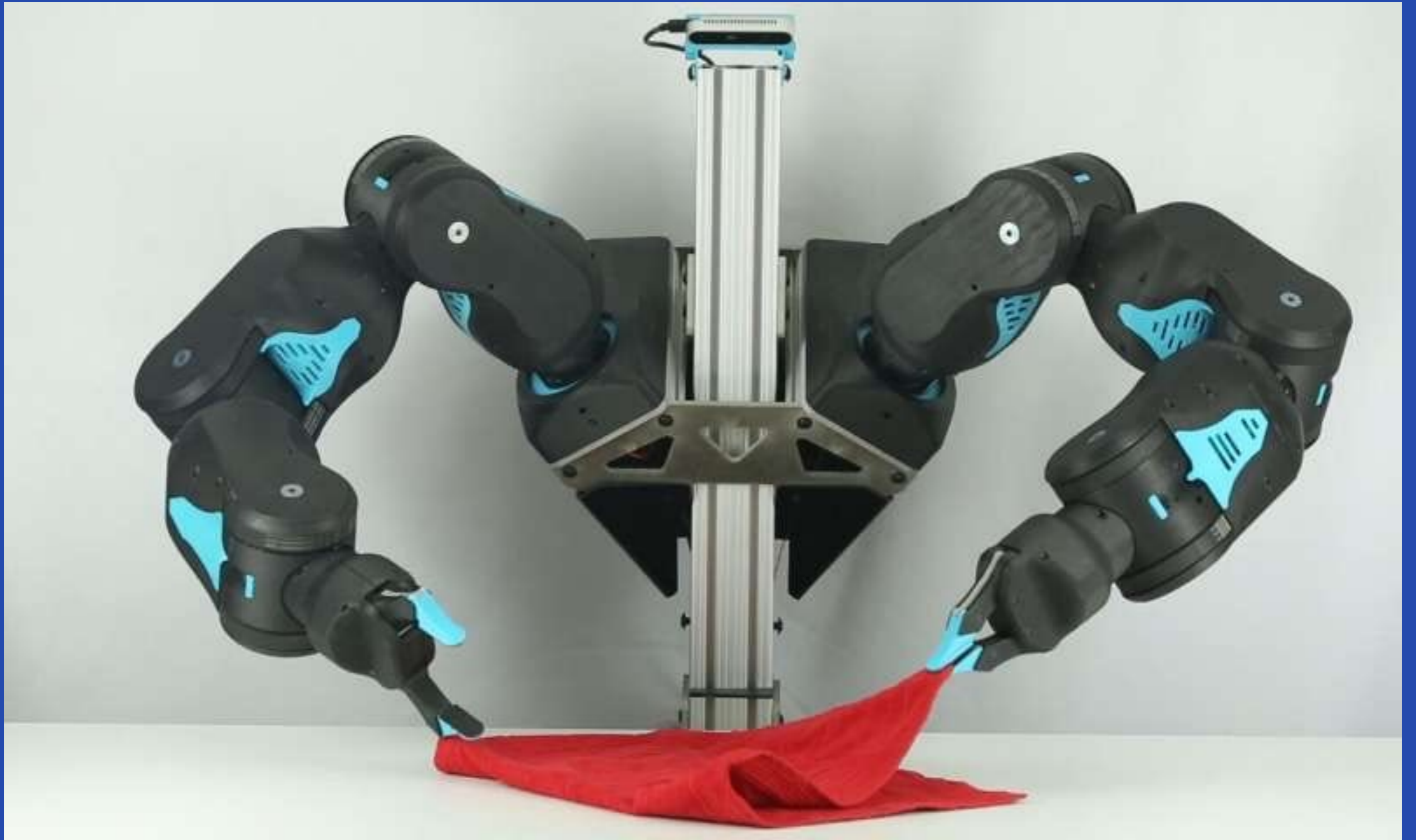
$f = \{(x, y) \in \mathbb{R}^+ \times \mathbb{R}^+ \mid x = a^y\}$
 $z_1 = a \frac{\begin{vmatrix} D_1 & B_1 \\ D_2 & B_2 \end{vmatrix} - b \begin{vmatrix} D_1 & A_1 \\ D_2 & A_2 \end{vmatrix}}{a^2 + b^2 + c^2}$
 $\sqrt[n]{a^m} = a^{\frac{m}{n}}$
 $\sqrt[3]{a^3 \sqrt{a}} = \sqrt[3]{a \cdot a^{\frac{1}{3}}}$
 $= \sqrt[3]{a^{\frac{3}{3}} \cdot a^{\frac{1}{3}}}$
 $= \sqrt[3]{a^{\frac{4}{3}}}$
 $\sqrt[3]{24} = \sqrt[3]{5 + \sqrt{4 \cdot 6}}$
 $a_n = \frac{1}{2^{n-1}}$
 $= \frac{1}{2^9} = \frac{1}{512}$
 $A = \pi r^2 h$

$2Cr(OH)_4^- + 2OH^- \rightarrow 2CrO_4^{2-} + 8H_2O$
 $ZnO + 4H_2O$
 $2O^2 + 8H_2O$
 x^{-1}
 $+10$
 15
 $v \sqrt{f}$
 $v \sqrt{f}$
 $E = mc^2$
 $\frac{g_1}{g_2} = \left(\frac{R_2}{R_1}\right)^2 = \left(\frac{R_1 + h}{R_1}\right)^2$
 $\frac{g_1}{g_2} = \left(\frac{R_2}{R_1}\right)^2 = \left(\frac{R_1 + h}{R_1}\right)^2$





A robot manipulates objects it has never encountered before after researchers teach a neural network how to recognize objects from millions of 3D models and images. (Photo courtesy of University of California, Berkeley)





Video

Industrial Robots in Japan

Boston Dynamics

Robot Revolution