

GeoGebra

GeoGebra

Free mathematics software for learning and teaching

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- Interactive graphics, algebra and spreadsheet
- From elementary school to university level
- Free learning materials

The screenshot shows the GeoGebra software interface. At the top is a menu bar with 'File', 'Edit', 'View', 'Options', 'Tools', 'Window', and 'Help'. Below the menu is a toolbar with various geometric construction tools. The main workspace contains several objects: a point A at (10, 8), a circle c with equation $(x - 4)^2 + (y - 2)^2 = 16$, a center point at (4, 2), a polar line with equation $6x + 6y = 62$, and two tangent lines $t_1: y = 0.3x + 4.97$ and $t_2: y = 3.3x + 24.97$. A 'Construction Protocol' window is open on the right, displaying a table with the following content:

No.	Name	Definition
1	Circle c	
2	Point Center	Center of c
3	Point A	
4	Line t_1	Tangent to c through A
4	Line t_2	Tangent to c through A
5	Line polar	Polar line of A relative to c

At the bottom of the protocol window, there are navigation buttons: 'Back', 'Forward', '5 / 5', 'First', and 'Last'. An 'Input:' field is visible at the very bottom of the interface.

GeoGebra

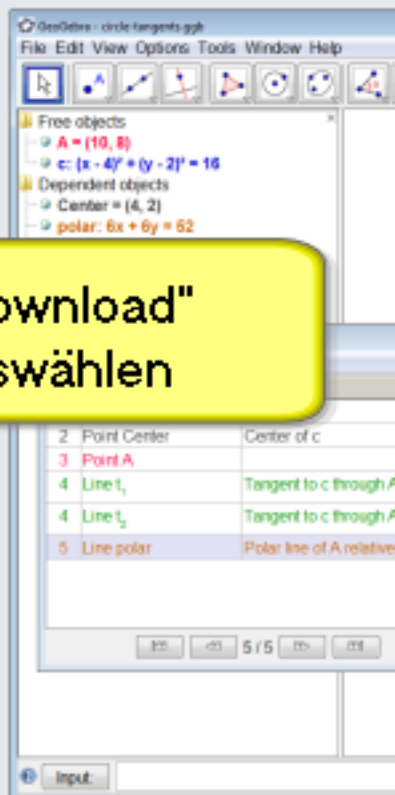
GeoGebra

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"Download"
auswählen

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Install and start GeoGebra on your computer. You will get a desktop icon to use our software offline too.



"Webstart" auswählen

Open a fully functional GeoGebra applet in your web browser. Nothing will be installed on your computer.

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eventuelle Sicherheitsaufforderungen
bestätigen



Dateien dieses Typs können Schäden an Ihrem Computer verursachen. Möchten Sie geogebra.jnlp trotzdem behalten?

Behalten

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heruntergeladene Datei
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WebStart

Install an
desktop i



Java™ 7..

ORACLE™

JAVA wird gestartet.
(Falls Java auf PC nicht installiert, bitte
unter www.java.com beziehen)

browser.



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GeoGebra

Anwendung wird gestartet...



Anwendung wird heruntergeladen.



Name: GeoGebra 4

Anbieter: International GeoGebra Institute

Von: <http://www.geogebra.org>



Abbrechen

Programmkomponenten werden
heruntergeladen (ca. 8MB)

for web browser.

GeoGebra

Anwendung wird gestartet...



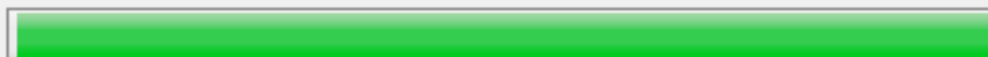
Anwendung wird verifiziert.



Name: GeoGebra 4

Anbieter: International GeoGebra Institute

Von: <http://www.geogebra.org>



Abbrechen

Applet Start



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GeoGebra

Verknüpfungswarnung

Verknüpfung mit Erweiterung .ggb ist bereits vorhanden. Möchten Sie diese ersetzen?



Name: GeoGebra 4

Von: <http://www.geogebra.org>

OK

Abbrechen



Verknüpfung wird derzeit von "C:\Program Files (x86)\GeoGebra\GeoGebra.exe" "%1" verwendet.

Falls eine andere Version von GeoGebra installiert wurde, kann hier die Dateizuordnung zur aktuellen Version bestätigt werden!

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GeoGebra⁴

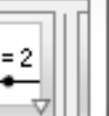
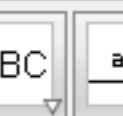
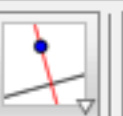
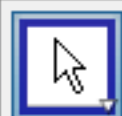
und gleich kann es losgehen

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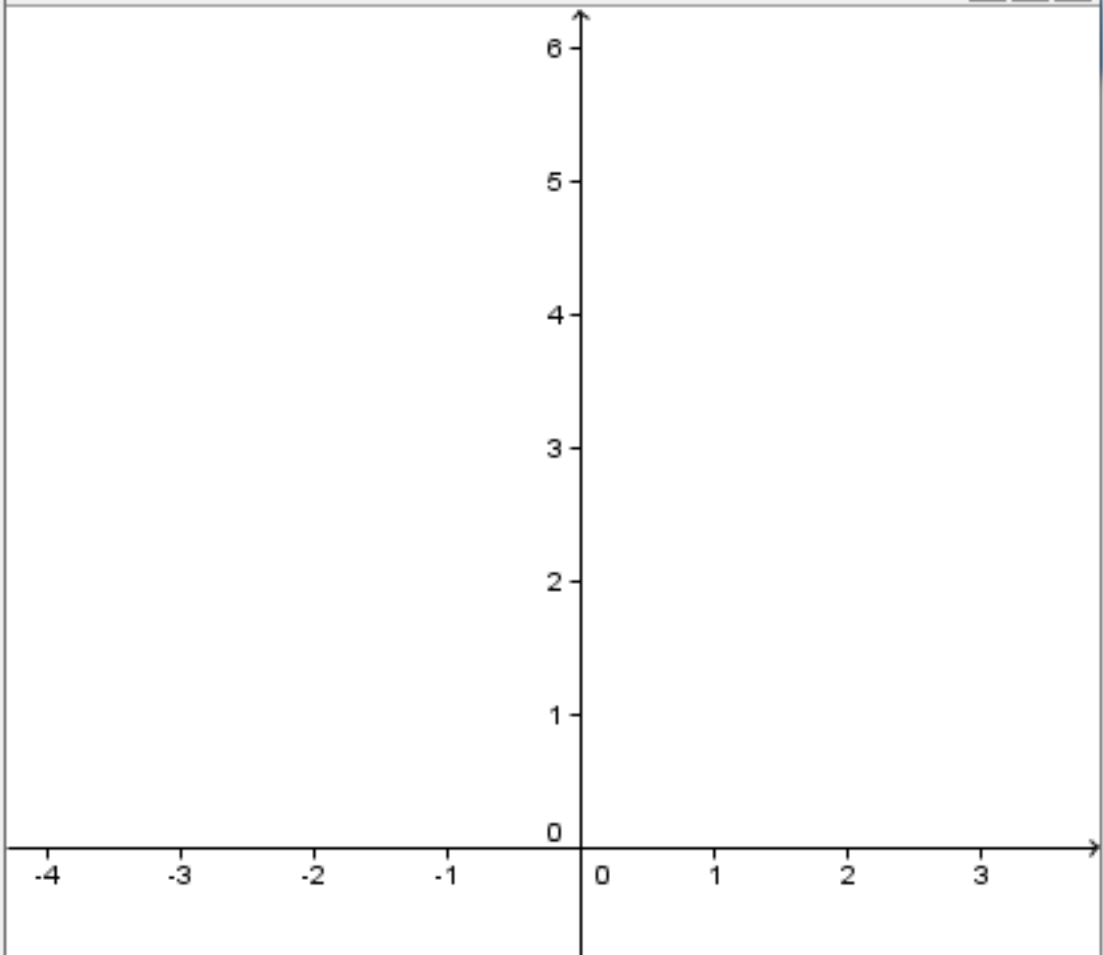
Datei Bearbeiten Ansicht Perspektiven Einstellungen Werkzeuge Fenster Hilfe



Algebra



Grafik

Freie Objekte
Abhängige Objekte

Eingabe:

