

ΕΓΧΕΙΡΙΔΙΑ ΧΡΗΣΙΜΕΣ ΣΥΝΔΕΣΕΙΣ

1. <https://ftp.cc.uoc.gr/mirrors/CTAN/macros/generic/chemfig/chemfig-en.pdf>
2. <https://ftp.cc.uoc.gr/mirrors/CTAN/macros/latex/contrib/mhchem/mhchem.pdf>

ΕΝΔΕΙΚΤΙΚΟΣ editor

<https://www.texstudio.org/>

ΕΝΔΕΙΚΤΙΚΟ ΛΟΓΙΣΜΙΚΟ ΕΓΚΑΤΑΣΤΑΣΗΣ ΠΑΚΕΤΩΝ (βιβλιοθηκών)

<https://miktex.org/download>

ΕΝΔΕΙΚΤΙΚΟ ΞΕΚΙΝΗΜΑ ΣΤΟ TEXSTUDIO

```
\documentclass{article}
\usepackage[version=4]{mhchem}
\usepackage{amsmath}
\usepackage{amsfonts}
\usepackage{amssymb}
\usepackage{chemfig}
\usepackage[utf8]{inputenc}
\usepackage{alphabeta}
\usepackage[english]{babel}
\usepackage{circuitikz}
\usepackage{pdftexcmds}
\begin{document}
```

**ΕΔΩ ΜΕΣΑ ΓΡΑΦΟΥΜΕ ΤΟΝ ΚΩΔΙΚΑ ΜΑΣ (ΠΕΡΙΕΧΕΙ ΤΑ ΠΑΚΕΤΑ ΧΗΜΕΙΑΣ ΦΥΣΙΚΗΣ
ΜΑΘΗΜΑΤΙΚΩΝ ΚΑΙ ΥΠΟΣΤΗΡΙΞΗ ΕΛΛΗΝΙΚΗΣ ΓΛΩΣΣΑΣ)**

```
\end{document}
```

ΕΝΔΕΙΚΤΙΚΑ ΠΑΡΑΔΕΙΓΜΑΤΑ

ΦΥΣΙΚΗ

Τύποι Φυσικής

$$\vec{\Sigma F} = \vec{F}_1 + \vec{F}_2 \quad \$ \vec{\Sigma F} = \vec{F}_1 + \vec{F}_2 \$$$

$$\vec{a} = \frac{\vec{\Sigma F}}{m} \quad \vec{a} = \frac{\vec{\Sigma F}}{m}$$

$$\Sigma F = \sqrt{F_1^2 + F_2^2} \quad \Sigma F = \sqrt{F_1^2 + F_2^2}$$

$$F_c = k \frac{q_1 q_2}{r^2} \quad F_c = k \frac{q_1 \cdot q_2}{r^2}$$

Απλό ηλεκτρικό κύκλωμα

```
\usepackage{chemfig}
\usepackage[utf8]{inputenc}
\usepackage{alphabeta}
\usepackage[english]{babel}
\usepackage[siunitx]{circuitikz}
\usepackage{pdftexcmds}
\begin{document}
\begin{circuitikz} \draw
  (0,0) to [battery, l=$ E$, a=10<\V>] (0,3)

  to [closing switch, l=$ \Delta $] (3,3)

  to [ammeter] (4,3)

  to [R, l_=$ R_1$, a^=10<\ohm>] (4,0)

  to [R, l_=$ R_2 $, a=] (0,0)

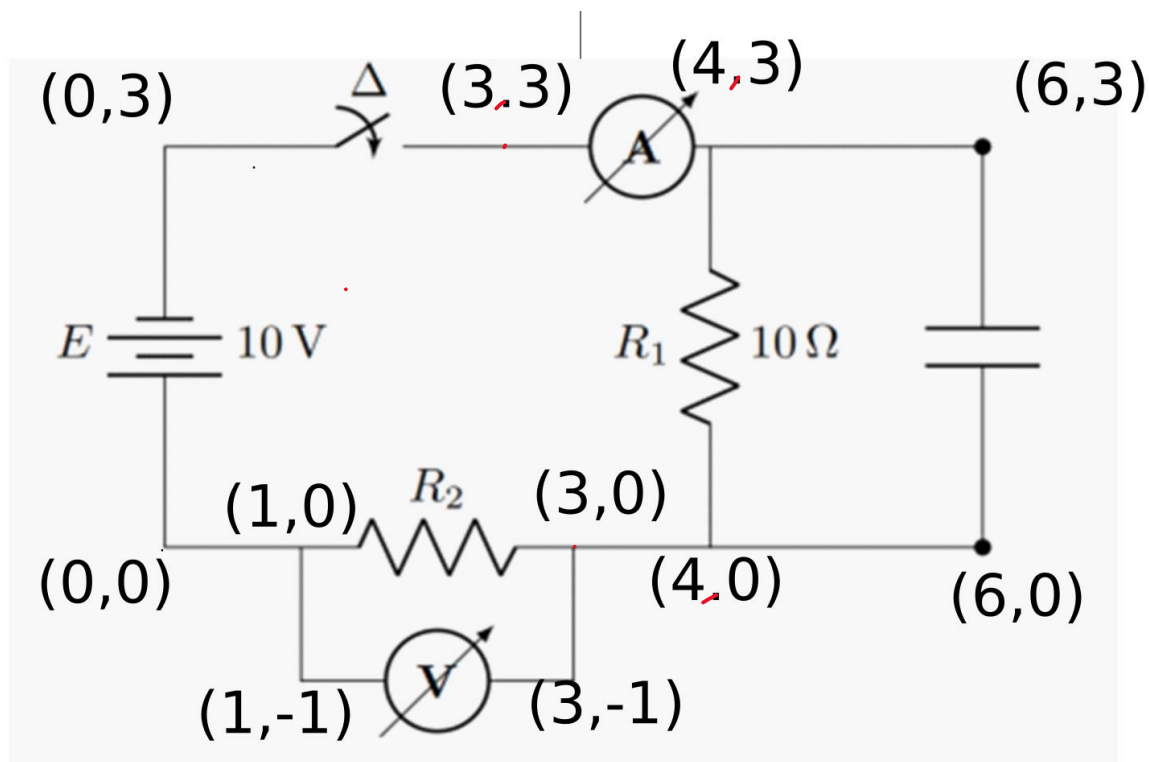
  (1,0) -- (1,-1)

to [voltmeter] (3,-1) -- (3,0)

(4,3) -- (6,3)

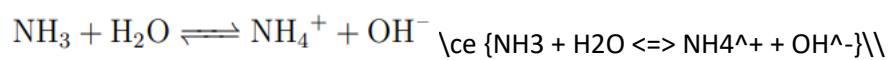
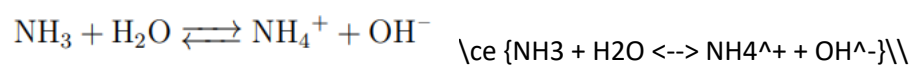
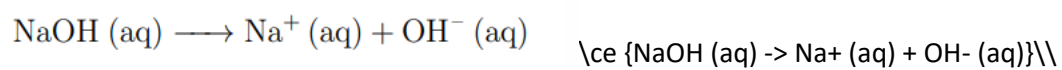
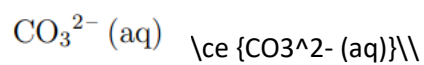
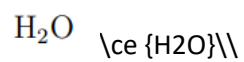
to [C, *-*,](6,0) -- (4,0)

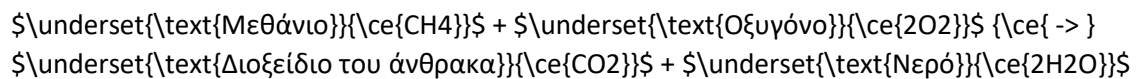
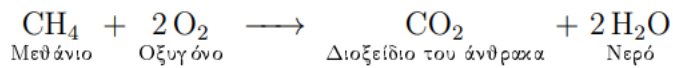
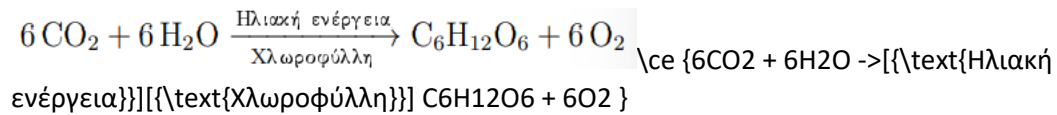
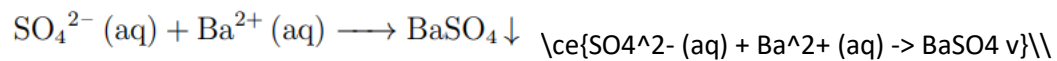
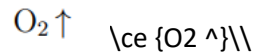
;
\end{circuitikz}
```



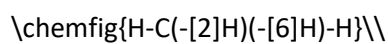
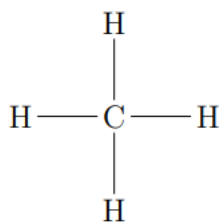
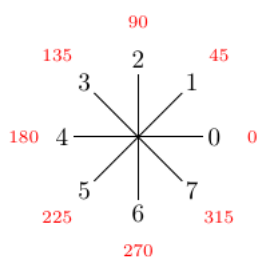
ΧΗΜΕΙΑ

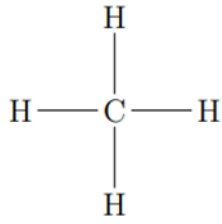
Mhchem



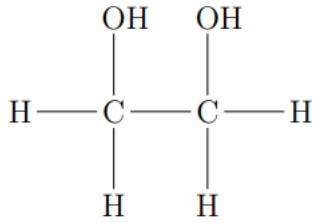


Chemfig

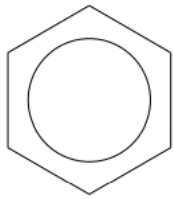




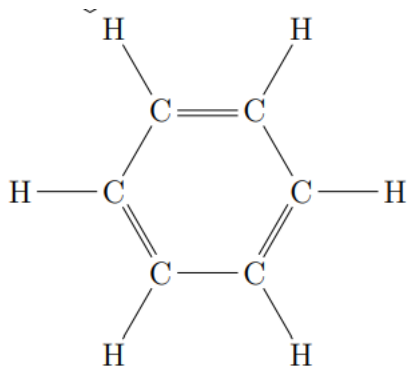
`\chemfig{H-C(-[:90]H)(-[:270]H)-H}\`



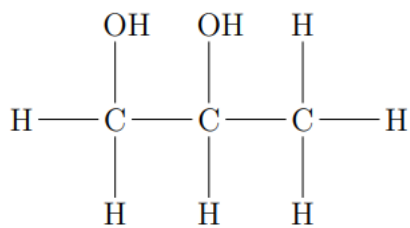
`\chemfig {H-C(-[2]OH)(-[6]H)-C(-[2]OH)(-[6]H)-H}\`



`\chemfig{**6(-----)}\quad`



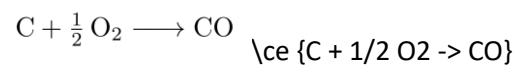
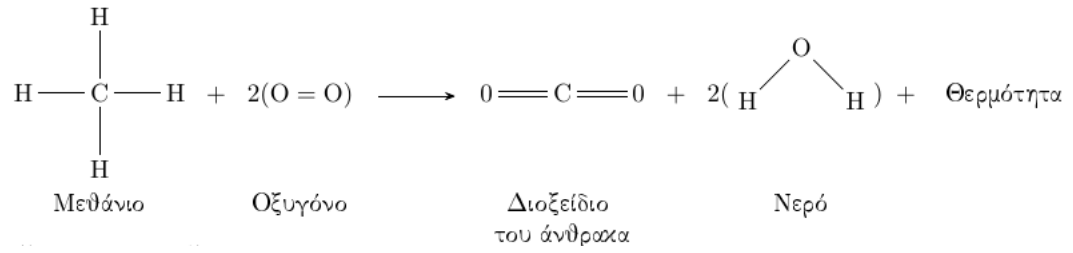
`\chemfig{(H-C*6(=C(-H)-C(-H)=C(-H)-C(-H)=C(-H)-))}`



1,2 Προπανοδιόλη

`\chemname{\chemfig {H-C(-[2]OH)(-[6]H)-C(-[2]OH)(-[6]H)-C(-[2]H)(-[6]H)-H}}{1,2 Προπανοδιόλη}\`

ΓΙΟΡΓΟΣ ΚΟΡΑΚΑΚΗΣ
ΚΩΝΣΤΑΝΤΙΝΟΣ ΑΠΟΣΤΟΛΟΠΟΥΛΟΣ
ΣΩΤΗΡΗΣ ΔΟΣΗΣ



$$K_c = \frac{[\text{NH}_3]^2}{[\text{H}_2]^3 [\text{N}_2]} \quad \$K_c = \text{\ce{\frac{[NH3]^2}{[H2]^3 [N2]}}}\$$$