

VIDEO PEMBELAJARAN

MATERI: MAXWELL-BOLTZMANN DISTRIBUTION

PART 2

Dapat diakses di: <http://youtu.be/YAWq87HI9qg> atau
<http://jeikhsan.wordpress.com/kuliah/>

The screenshot displays a YouTube video player for 'Jaslin Ikhsan: Maxwell-Boltzmann Distribution Part 2'. The video content features a presenter and a slide with the following text:

Evaluate the v_{rms} by use of M-B Distribution!

- The root-mean square speed: $v_{rms} = \sqrt{\frac{3KT}{m}}$
- The average speed: $v_{avg} = \sqrt{\frac{8KT}{\pi m}}$
- The most possible speed: $v_{mp} = \sqrt{\frac{2KT}{m}}$

Remember:

- *You can use R, instead of k, and R/M,
- *When you use R, you have to use M (mass of mole instead of m, and M/mol,

The video player shows 255 views and 0 likes/dislikes. The browser address bar shows the URL <http://www.youtube.com/watch?v=YAWq87HI9qg>.

Jaslin Ikhshan: Maxwell-Boltzmann Distribution Part 2 - YouTube - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.youtube.com/watch?v=YAWq87HBgg

Most Visited Getting Started Latest Headlines SEAMEO SEAMOLEC, ... Chemical Kinetics

Jaslin Ikhshan - YouTube x Bahan Kuliah Jaslin Ikhshan Homep... x Jaslin Ikhshan: Chemical Kinetic Part ... x Jaslin Ikhshan: Maxwell-Boltzmann...

YouTube jaslin ikhshan Search Browse Upload Create Account Sign In

Jaslin Ikhshan: Maxwell-Boltzmann Distribution Part 2

JaslinIkhshan 9 videos Subscribe

$$\frac{dN}{N} = 4\pi v^2 \times \left(\frac{m}{2\pi kT}\right)^{3/2} \times e^{-\frac{1}{2}mv^2/kT} \cdot dv$$

$$\frac{dN}{N} = f(v) = 4\pi v^2 \times \left(\frac{m}{2\pi kT}\right)^{3/2} \times e^{-\frac{1}{2}mv^2/kT}$$

03:37 / 14:11 360p

Like Add to Share 255 views

Uploaded by jaslinikhshan on May 25, 2011

To study the Kinetic Theory of Gas. Using the equation of Maxwell-Boltzmann 0 likes, 0 dislikes Show more

All Comments (0) Reactions (0)

Sign In or Sign Up now to post a comment! Your reaction?

YouTube Mix for Maxwell
by YouTube
PLAYLIST 59 videos

Jaslin Ikhshan: Maxwell-Boltzmann Distribution P...
by jaslinikhshan
419 views

The Boltzmann Distribution
by revisionboy
4,033 views

maxwell boltzmann distribution
by photon2010
174 views

ChemFlick 1-12 Kinetic Energy Distributions.flv
by ChemFlicks
906 views

Bose-Einstein, Fermi-Dirac, and Maxwell-Boltzma...
by wolframathematica
2,837 views

Lecture 3 | Modern Physics: Statistical Mechanics
by StanfordUniversity
22,967 views

Jaslin Ikhshan: Chemical

Transferring data from o-o-preferred.pttelkom-bth1.v21.lscache3.c.youtube.com...

Jaslin Ikhshan: Maxwell... Document1 - Micro... IN 48% 6:27