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VIRO EXCELLENTISSIMO

GEORGIO DE BRADKE

A CONSIBUS VERE INTIMIS.

SENATORI ORNATISSIMO,

CLARISSIMO UNIVERSITATIS DORPATENSIS CURATORI,

EQUITI SPLENDIDISSIMO,

DECIMUM OFFICIORUM PUBLICORUM LUTRUM

DIE XII SEPTEBRIS MDCCCLXI

AR
Fr. R. Kreuzwaldi not.
Besti Noy
Riiklik Avalik
Raamatukogu

Ar 867
Viro

RITE ET FELICITER PERACTUM

117483

No 459

GRATULATUR

SCHOLA QUAE FLORET REVALIAE

CATHEDRALIS ET EQUESTRIS.

Urbs est illustris, quam fluctibus alluit Emma,
Musarum sedes nobilis atque frequens.

Musarum sacris Curator praesidet altus:

Sanctum opus auspiciis dirigit ille suis.

Huc vocat haecce dies, vocat huc Tua, BRADKE, senectus:

Lustra decem officii praeteriere Tibi.

Turba salutantum valvis en intrat apertis

Et laeto vultu talia dicit ovans:

Curator salve! Faveant Tibi numina Christi,

Confirmant pectus — sic cupis ipse — Tuum;

Adjiciant lustris transactis altera lustra

Officiumque Tuum prosperitate juvent.

Et vigeant vires, vigeat Tua laeta senectus:

Sis felix! felix sit Tua cuncta domus!

Haecce vovent cuncti; vovet hoc schola nostra vetusta,

Quam nunc Estoni concelebrant equites,

Concelebrant alii, quoniam hanc ecclesia quondam

Condidit et voluit omnibus esse aditum.

Accipe, quam mittunt Tibi, candide BRADKE, salutem

Doctores nostrae discipulique scholae.

En laetum festum laeto celebramus amore:

Nostram mansuetus conspice laetitiam!

Adnue Tu studiis, quae colimus, Optime, nostris!

Perpetuo faveas, perpetuumque vale!

361 E
110

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 311

PROBLEM SET 1

Due: Monday, September 10, 2012

1. A particle of mass m moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal acceleration.

2. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.

3. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.

4. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.

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7. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.

8. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.

9. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.

10. A particle moves in a circular path of radius r with constant speed v . Calculate the magnitude of the centripetal force.