



THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYSICS 310

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  $v$ . Find the magnitude of the centripetal force.

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

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

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

5. A particle of mass  $m$  moves in a circular path of radius  $r$  with constant speed  $v$ . Find the magnitude of the centripetal force.

6. A particle of mass  $m$  moves in a circular path of radius  $r$  with constant speed  $v$ . Find the magnitude of the centripetal force.

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

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

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

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

11. A particle of mass  $m$  moves in a circular path of radius  $r$  with constant speed  $v$ . Find the magnitude of the centripetal force.

12. A particle of mass  $m$  moves in a circular path of radius  $r$  with constant speed  $v$ . Find the magnitude of the centripetal force.

13. A particle of mass  $m$  moves in a circular path of radius  $r$  with constant speed  $v$ . Find the magnitude of the centripetal force.

**ACKNOWLEDGMENT**


**STATE OF TEXAS**

**COUNTY OF TARRANT**

BEFORE ME, the undersigned authority, on this day personally appeared Dawn Kelly, authorized agent of **WESTMONT MAINTENANCE ASSOCIATION, INC.** known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that (s)he executed the same for the purposed and consideration therein expressed on behalf of said corporation.

SUBSCRIBED AND SWORN TO BEFORE ME on this 16<sup>th</sup> day of April, 2021

*Janna Jeanne Perez*  
Notary Public of Texas



Janna Jeanne Perez  
My Commission Expires  
03/06/2022  
ID No 128708208

STATE OF TEXAS  
COUNTY OF DALLAS  
ID No. 12041208  
03/04/2023  
JAMES JAMES PETER  
JAMES JAMES PETER

EXHIBIT "A"

Architectural Standards and Requirements

Article III- Exterior Wall Treatment

Section I.

I. Painted Surfaces

Effective March 1 , 2021, no new construction request or a new request to change an existing home will be approved to include painted brick and/or painted stone. Wall treatments will comply with Article III – Section A-H.



D22111823  
NOTICE  
Pages: 3  
Fees: \$27.00

FILED AND RECORDED  
OFFICIAL PUBLIC RECORDS OF  
TARRANT COUNTY, TEXAS  
04/22/2021 10:35 AM

*Mary Louise Nicholson*  
MARY LOUISE NICHOLSON  
COUNTY CLERK