## Math 2443 homework

23. (4/20) 17.3 \# 19, 27, 33
24. (4/20) 17.4 \# 3, 7, 10, 12, 21-24
25. (4/20) $17.5 \# 5,7,12$
26. (4/20) 17.5 \# 9-11, 15, 18, 24-26
27. $17.6 \# 1$ (the points lie on the cone $x^{2}+y^{2}=z^{2} \ldots$ for a fixed value of $u$, what points does one get?), 2 (rewrite in the form $\vec{r}_{0}+u \vec{a}+v \vec{b}$ ), $3,4,17,21,23$, try 11-16 if you have time, but it's not so important
28. $17.7 \# 4,7,9,12$
29. 17.7 \# 19, 22, 23, 27
30. $17.8 \# 2,5,8,15$
31. $17.9 \# 3,6,9,15,23-26$
