

RECORD OF DATA DEPOSIT

Creator: Nicholas Giordano

Contact: Nicholas Giordano
njg0003@auburn.edu

Title: Aeroacoustics of wind musical instruments

Keywords: acoustic physics

Manifest: 35 files total

1. ._recorder_224a.avi video/x-msvideo - 4.0 KB
2. ._recorder_228.avi video/x-msvideo - 4.0 KB
3. ._recorder_231a.avi video/x-msvideo - 4.0 KB
4. ._recorder_air_density.avi video/x-msvideo - 4.0 KB
5. ._recorder_air_flow_velocity.avi video/x-msvideo - 4.0 KB
6. ._trumpet_lip_motion_density.avi video/x-msvideo - 4.0 KB
7. ._trumpet_lip_motion_velocity.avi video/x-msvideo - 4.0 KB
8. geom_3d_v4b.c text/x-c - 38.1 KB
9. grid.h text/x-c - 1.2 KB
10. Guide to data files.docx MS Word (docx) - 122.0 KB
11. in_data.txt Plain Text - 104 bytes
12. in_data-.txt1 Plain Text - 111 bytes
13. job-1.pbs Unknown - 847 bytes
14. job.pbs Unknown - 392 bytes
15. lip_data.dat Fixed Field Text Data - 1.5 KB
16. Makefile.txt Plain Text - 288 bytes
17. Makefile-1.txt Plain Text - 313 bytes
18. recorder8.h text/x-c - 1.4 KB
19. recorder8m_2017a.c text/x-c - 150.9 KB
20. recorder9.h text/x-c - 1.7 KB
21. recorder9_4_collide.c text/x-c - 270.7 KB
22. recorder_224a.avi video/x-msvideo - 3.7 MB
23. recorder_228.avi video/x-msvideo - 2.5 MB
24. recorder_231a.avi video/x-msvideo - 3.8 MB
25. recorder_air_density.avi video/x-msvideo - 1.2 MB
26. recorder_air_flow_velocity.avi video/x-msvideo - 1.6 MB
27. rec_info.txt Plain Text - 6.6 KB
28. rec_info-1.txt Plain Text - 7.9 KB
29. round_geom_v4a.c text/x-c - 51.5 KB
30. run_data-1.dat Fixed Field Text Data - 2.1 KB
31. run_data.dat Fixed Field Text Data - 2.3 KB

- 32. surface_normal.c text/x-c - 7.2 KB
- 33. surface_normal_v2c.c text/x-c - 11.1 KB
- 34. trumpet_lip_motion_density.avi video/x-msvideo - 1.8 MB
- 35. trumpet_lip_motion_velocity.avi video/x-msvideo - 2.0 MB

File type(s): text, code, movies

Date of deposit: 10/20/2017

Location of deposit: Harvard Dataverse

Link to deposit (DOI): [doi:10.7910/DVN/H9TKVB](https://doi.org/10.7910/DVN/H9TKVB)

Related publications: Computational study of the piccolo: Evidence for chaotic tones. (2016). Giordano, N. Journal of the Acoustical Society of America, 140(3), 1887-1893. doi: 10.1121/1.4962632