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1959

Biographical Information, Ernest K. Gatcombe, 1960

Gatcombe, Ernest K.

Monterey, California: Naval Postgraduate School

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1. Ernest K. Gattochio
2. Department of Mechanical Engineering
3. 53
4. Professor
5. B. S. University of Maine 1931
M. S. Purdue University 1939
Ph.D. Cornell University 1944
(All work in Mechanical Engineering with course work in other fields)
6. 14 years
7. Purdue, 1937-39 half time instructor and half time graduate student;
Cornell, 1939-44 full time instructor with $\frac{1}{2}$ time graduate student.
8. Pratt & Whitney Aircraft 1940-41 part time Design Engineer
Research at M.I.T., 1944-46 with part time consulting for Jackson
and Moreland Engineers of Boston, as Assistant Chief Engineer.
9. Syntilla Magneto Company part time consulting work.
10. Firestone 1956-58 part time consulting work
Dalmo Victor 1957- part time consulting work
11. (a) "Power Transmission Through Gears" by E. K. Gattochio and R. W.
Prowell, Power Transmission Design- 1959.
(b) "Spar Gears - Hertzian Contact Times" by E. K. Gattochio, R. P.
Hummicutt and G. F. Kinney in ASLE, 1958
(c) "Apparent Viscosity of Lubricating Films Under Low Shear Rates"
by E. K. Gattochio, R. P. Hummicutt, and G. F. Kinney, ASLE, 1958
(d) "Gas Turbine Gear Analysis" by E. K. Gattochio, R. P. Hummicutt,
R. W. Prowell, H. J. Buerger, and G. F. Kinney - Two non-published
Reports for Firestone, 1957-58.
(e) "Rocket Motor Gear Analysis" by E. K. Gattochio and R. W. Prowell
recently submitted to ASME
12. Member ASME, ASLE, Sigma Xi
13. Ist '59 - Teaching 4 hrs., Auditing 3 hrs.
Mechanics - Statics 4 hrs; Computer Course 3 hrs.
II '58-59 - Taught 12 hrs.
Str. of Materials 3 hrs.
Machine Design 5 hrs
Str. Lab 2 hrs
Machine Design 2 hrs
III '58-59 Taught 7 hours. Audited 2 hrs.
Vibrations 3 hrs
Vibrations Lab- 4 hrs.
IV '58-59-Taught 6 hrs.; Audited 3 hrs.
Strength of Materials 4 hrs.
Strength of Materials Lab 2 hrs.
14. Research Committee - 2 hrs/week.