Queries' results

The following results correspond to the texts that may satisfy the queries using a certain coefficient.

what similarity laws must be obeyed when constructing aeroelastic models of heated high speed aircraft

- Best text with dice coefficient: 877
- Best text with jaccard coefficient: 877
- Best text with cosine coefficient: 877
- Best text with overlap coefficient: 485

what are the structural and aeroelastic problems associated with flight of high speed aircraft

- Best text with dice coefficient: 12
- Best text with jaccard coefficient: 12
- Best text with cosine coefficient: 429
- Best text with overlap coefficient: 12

what problems of heat conduction in composite slabs have been solved so far

- Best text with dice coefficient: 484
- Best text with jaccard coefficient: 484
- Best text with cosine coefficient: 484
- Best text with overlap coefficient: 5

can a criterion be developed to show empirically the validity of flow solutions for chemically reacting gas mixtures based on the simplifying assumption of instantaneous local chemical equilibrium

- Best text with dice coefficient: 1083
- Best text with jaccard coefficient: 1083
- Best text with cosine coefficient: 1083
- Best text with overlap coefficient: 1059

what chemical kinetic system is applicable to hypersonic aerodynamic problems

- Best text with dice coefficient: 1030
- Best text with jaccard coefficient: 1030
- Best text with cosine coefficient: 1030

- Best text with overlap coefficient: 624

what theoretical and experimental guides do we have as to turbulent couette flow behaviour

- Best text with dice coefficient: 418
- Best text with jaccard coefficient: 418
- Best text with cosine coefficient: 418
- Best text with overlap coefficient: 121

is it possible to relate the available pressure distributions for an ogive forebody at zero angle of attack to the lower surface pressures of an equivalent ogive forebody at angle of attack

- Best text with dice coefficient: 491
- Best text with jaccard coefficient: 491
- Best text with cosine coefficient: 491
- Best text with overlap coefficient: 491

what methods -dash exact or approximate -dash are presently available for predicting body pressures at angle of attack.

- Best text with dice coefficient: 491
- Best text with jaccard coefficient: 491
- Best text with cosine coefficient: 491
- Best text with overlap coefficient: 122

papers on internal /slip flow/ heat transfer studies

- Best text with dice coefficient: 21
- Best text with jaccard coefficient: 21
- Best text with cosine coefficient: 21
- Best text with overlap coefficient: 45

are real-gas transport properties for air available over a wide range of enthalpies and densities

- Best text with dice coefficient: 523
- Best text with jaccard coefficient: 523
- Best text with cosine coefficient: 523
- Best text with overlap coefficient: 302

is it possible to find an analytical, similar solution of the strong blast wave problem in the newtonian approximation

- Best text with dice coefficient: 494
- Best text with jaccard coefficient: 494
- Best text with cosine coefficient: 494
- Best text with overlap coefficient: 494

how can the aerodynamic performance of channel flow ground effect machines be calculated

- Best text with dice coefficient: 649
- Best text with jaccard coefficient: 649
- Best text with cosine coefficient: 649
- Best text with overlap coefficient: 623

what is the basic mechanism of the transonic aileron buzz

- Best text with dice coefficient: 313
- Best text with jaccard coefficient: 313
- Best text with cosine coefficient: 313
- Best text with overlap coefficient: 495

papers on shock-sound wave interaction

- Best text with dice coefficient: 291
- Best text with jaccard coefficient: 291
- Best text with cosine coefficient: 156
- Best text with overlap coefficient: 170

material properties of photoelastic materials

- Best text with dice coefficient: 816
- Best text with jaccard coefficient: 816
- Best text with cosine coefficient: 816
- Best text with overlap coefficient: 462

can the transverse potential flow about a body of revolution be calculated efficiently by an electronic computer

- Best text with dice coefficient: 106
- Best text with jaccard coefficient: 106
- Best text with cosine coefficient: 106
- Best text with overlap coefficient: 497

can the three-dimensional problem of a transverse potential flow about a body of revolution be reduced to a two-dimensional problem

- Best text with dice coefficient: 106
- Best text with jaccard coefficient: 106
- Best text with cosine coefficient: 106
- Best text with overlap coefficient: 1106

are experimental pressure distributions on bodies of revolution at angle of attack available

- Best text with dice coefficient: 491
- Best text with jaccard coefficient: 491
- Best text with cosine coefficient: 491
- Best text with overlap coefficient: 197

does there exist a good basic treatment of the dynamics of re-entry combining consideration of realistic effects with relative simplicity of results

- Best text with dice coefficient: 286
- Best text with jaccard coefficient: 286
- Best text with cosine coefficient: 286
- Best text with overlap coefficient: 44

has anyone formally determined the influence of joule heating, produced by the induced current, in magnetohydrodynamic free convection flows under general conditions

- Best text with dice coefficient: 499
- Best text with jaccard coefficient: 499
- Best text with cosine coefficient: 26
- Best text with overlap coefficient: 44

why does the compressibility transformation fail to correlate the high speed data for helium and air

- Best text with dice coefficient: 501
- Best text with jaccard coefficient: 501
- Best text with cosine coefficient: 501
- Best text with overlap coefficient: 501

did anyone else discover that the turbulent skin friction is not over sensitive to the nature of the variation of the viscosity with temperature

- Best text with dice coefficient: 254
- Best text with jaccard coefficient: 254
- Best text with cosine coefficient: 254
- Best text with overlap coefficient: 307

what progress has been made in research on unsteady aerodynamics

- Best text with dice coefficient: 10
- Best text with jaccard coefficient: 10
- Best text with cosine coefficient: 10
- Best text with overlap coefficient: 14

what are the factors which influence the time required to invert large structural matrices

- Best text with dice coefficient: 46
- Best text with jaccard coefficient: 46
- Best text with cosine coefficient: 46
- Best text with overlap coefficient: 46

does a practical flow follow the theoretical concepts for the interaction between adjacent blade rows of a supersonic cascade

- Best text with dice coefficient: 215
- Best text with jaccard coefficient: 215
- Best text with cosine coefficient: 215
- Best text with overlap coefficient: 121

what is a single approximate formula for the displacement thickness of a laminar boundary layer in compressible flow on a flat plate

- Best text with dice coefficient: 382
- Best text with jaccard coefficient: 382
- Best text with cosine coefficient: 382
- Best text with overlap coefficient: 305

how is the design of ring or part ring wings by linear theory affected by thickness

- Best text with dice coefficient: 751
- Best text with jaccard coefficient: 751
- Best text with cosine coefficient: 751
- Best text with overlap coefficient: 797

what application has the linear theory design of curved wings

- Best text with dice coefficient: 250
- Best text with jaccard coefficient: 250
- Best text with cosine coefficient: 250
- Best text with overlap coefficient: 797

what is the effect of cross sectional shape on the flow over simple delta wings with sharp leading edges

- Best text with dice coefficient: 513
- Best text with jaccard coefficient: 513
- Best text with cosine coefficient: 513
- Best text with overlap coefficient: 600

papers on flow visualization on slender conical wings

- Best text with dice coefficient: 250
- Best text with jaccard coefficient: 250
- Best text with cosine coefficient: 250
- Best text with overlap coefficient: 191

what size of end plate can be safely used to simulate two-dimensional flow conditions over a bluff cylindrical body of finite aspect ratio

- Best text with dice coefficient: 750
- Best text with jaccard coefficient: 750
- Best text with cosine coefficient: 750
- Best text with overlap coefficient: 1080

to find an approximate correction for thickness in slender thin-wing theory

- Best text with dice coefficient: 751
- Best text with jaccard coefficient: 751
- Best text with cosine coefficient: 751

- Best text with overlap coefficient: 751

how do interference-free longitudinal stability measurements (made using free-flight models) compare with similar measurements made in a low-blockage wind tunnel

- Best text with dice coefficient: 515
- Best text with jaccard coefficient: 515
- Best text with cosine coefficient: 515
- Best text with overlap coefficient: 515

have wind tunnel interference effects been investigated on a systematic basis

- Best text with dice coefficient: 1348
- Best text with jaccard coefficient: 1348
- Best text with cosine coefficient: 1140
- Best text with overlap coefficient: 1151

are there any papers dealing with acoustic wave propagation in reacting gases

- Best text with dice coefficient: 156
- Best text with jaccard coefficient: 156
- Best text with cosine coefficient: 156
- Best text with overlap coefficient: 170

has anyone investigated relaxation effects on gaseous heat transfer to a suddenly heated wall

- Best text with dice coefficient: 549
- Best text with jaccard coefficient: 549
- Best text with cosine coefficient: 398
- Best text with overlap coefficient: 44

are there any theoretical methods for predicting base pressure

- Best text with dice coefficient: 1304
- Best text with jaccard coefficient: 1304
- Best text with cosine coefficient: 1304
- Best text with overlap coefficient: 186

does transition in the hypersonic wake depend on body geometry and size

- Best text with dice coefficient: 1236
- Best text with jaccard coefficient: 1236
- Best text with cosine coefficient: 1236
- Best text with overlap coefficient: 24

how can one detect transition phenomena in boundary layers

- Best text with dice coefficient: 180
- Best text with jaccard coefficient: 180
- Best text with cosine coefficient: 180
- Best text with overlap coefficient: 43

how can one detect transition phenomena in hypersonic wakes

- Best text with dice coefficient: 41
- Best text with jaccard coefficient: 41
- Best text with cosine coefficient: 41
- Best text with overlap coefficient: 535

has anyone investigated and developed a simple model for the vortex wake behind a cruciform wing

- Best text with dice coefficient: 1150
- Best text with jaccard coefficient: 1150
- Best text with cosine coefficient: 1150
- Best text with overlap coefficient: 289

what is a criterion that the transonic flow around an airfoil with a round leading edge be validly analyzed by the linearized transonic flow theory

- Best text with dice coefficient: 440
- Best text with jaccard coefficient: 440
- Best text with cosine coefficient: 440
- Best text with overlap coefficient: 520

can the transonic flow around an arbitrary smooth thin airfoil be analysed in a simple approximate way

- Best text with dice coefficient: 469
- Best text with jaccard coefficient: 469

- Best text with cosine coefficient: 194
- Best text with overlap coefficient: 467

what are the details of the rigorous kinetic theory of gases (chapman-enskog theory)

- Best text with dice coefficient: 108
- Best text with jaccard coefficient: 108
- Best text with cosine coefficient: 108
- Best text with overlap coefficient: 49

has anyone investigated the effect of surface mass transfer on hypersonic viscous interactions

- Best text with dice coefficient: 26
- Best text with jaccard coefficient: 26
- Best text with cosine coefficient: 26
- Best text with overlap coefficient: 329

what is the combined effect of surface heat and mass transfer on hypersonic flow

- Best text with dice coefficient: 654
- Best text with jaccard coefficient: 654
- Best text with cosine coefficient: 654
- Best text with overlap coefficient: 575

what are the existing solutions for hypersonic viscous interactions over an insulated flat plate

- Best text with dice coefficient: 327
- Best text with jaccard coefficient: 327
- Best text with cosine coefficient: 327
- Best text with overlap coefficient: 304

what controls leading-edge attachment at transonic speeds

- Best text with dice coefficient: 525
- Best text with jaccard coefficient: 525
- Best text with cosine coefficient: 525
- Best text with overlap coefficient: 525

can the three-point boundary-value problem for the blasius equation be integrated numerically, using suitable transformations, without iteration on the boundary conditions

- Best text with dice coefficient: 320
- Best text with jaccard coefficient: 320
- Best text with cosine coefficient: 320
- Best text with overlap coefficient: 349

what are the effects of small amounts of gas rarefaction on the characteristics of the boundary layers on slender bodies of revolution

- Best text with dice coefficient: 326
- Best text with jaccard coefficient: 326
- Best text with cosine coefficient: 326
- Best text with overlap coefficient: 329

what is the available information pertaining to boundary layers on very slender bodies of revolution in continuum flow (the ?transverse curvature effect)

- Best text with dice coefficient: 326
- Best text with jaccard coefficient: 326
- Best text with cosine coefficient: 326
- Best text with overlap coefficient: 326

what is the available information pertaining to the effect of slight rarefaction on boundary layer flows (the ?slip? effect)

- Best text with dice coefficient: 326
- Best text with jaccard coefficient: 326
- Best text with cosine coefficient: 326
- Best text with overlap coefficient: 96

what investigations have been made of the flow field about a body moving through a rarefied, partially ionized gas in the presence of a magnetic field

- Best text with dice coefficient: 407
- Best text with jaccard coefficient: 407
- Best text with cosine coefficient: 407
- Best text with overlap coefficient: 208

how is the heat transfer downstream of the mass transfer region effected by mass transfer at the nose of a blunted cone

- Best text with dice coefficient: 978
- Best text with jaccard coefficient: 978
- Best text with cosine coefficient: 1346
- Best text with overlap coefficient: 44

to what extent can the available information for incompressible boundary layers be applied to problems involving compressible boundary layers

- Best text with dice coefficient: 376
- Best text with jaccard coefficient: 376
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 17

to what extent can readily available steady-state aerodynamic data be utilized to predict lifting-surface flutter characteristics

- Best text with dice coefficient: 752
- Best text with jaccard coefficient: 752
- Best text with cosine coefficient: 707
- Best text with overlap coefficient: 752

what are the significant steady and non-steady flow characteristics which affect the flutter mechanism

- Best text with dice coefficient: 3
- Best text with jaccard coefficient: 3
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 855

is it possible to determine rates of forced convective heat transfer from heated cylinders of non-circular cross-section, (the fluid flow being along the generators)

- Best text with dice coefficient: 398
- Best text with jaccard coefficient: 398
- Best text with cosine coefficient: 398
- Best text with overlap coefficient: 270

how much is known about boundary layer flows along non-circular cylinders

- Best text with dice coefficient: 393
- Best text with jaccard coefficient: 393
- Best text with cosine coefficient: 393
- Best text with overlap coefficient: 292

is there any simple, but practical, method for numerical integration of the mixing problem (i.e. the blasius problem with three-point boundary conditions)

- Best text with dice coefficient: 320
- Best text with jaccard coefficient: 320
- Best text with cosine coefficient: 320
- Best text with overlap coefficient: 321

does there exist a closed-form expression for the local heat transfer around a yawed cylinder

- Best text with dice coefficient: 538
- Best text with jaccard coefficient: 538
- Best text with cosine coefficient: 538
- Best text with overlap coefficient: 435

how far around a cylinder and under what conditions of flow, if any, is the velocity just outside of the boundary layer a linear function of the distance around the cylinder

- Best text with dice coefficient: 482
- Best text with jaccard coefficient: 482
- Best text with cosine coefficient: 482
- Best text with overlap coefficient: 459

where can i find pressure data on surfaces of swept cylinders

- Best text with dice coefficient: 1043
- Best text with jaccard coefficient: 1043
- Best text with cosine coefficient: 1043
- Best text with overlap coefficient: 329

can't the static deflection shapes be used in predicting flutter in place of vibrational shapes if so, can we provide a justification by means of an example

- Best text with dice coefficient: 832

- Best text with jaccard coefficient: 832
- Best text with cosine coefficient: 194
- Best text with overlap coefficient: 797

does the boundary layer on a flat plate in a shear flow induce a pressure gradient

- Best text with dice coefficient: 3
- Best text with jaccard coefficient: 3
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 3

can the procedure of matching inner and outer solutions for a viscous flow problem be applied when the main stream is a shear flow

- Best text with dice coefficient: 389
- Best text with jaccard coefficient: 389
- Best text with cosine coefficient: 389
- Best text with overlap coefficient: 128

can series expansions be found for the boundary layer on a flat plate in a shear flow

- Best text with dice coefficient: 3
- Best text with jaccard coefficient: 3
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 9

what possible techniques are available for computing the injection distribution corresponding to an isothermal transpiration cooled hemisphere

- Best text with dice coefficient: 627
- Best text with jaccard coefficient: 627
- Best text with cosine coefficient: 1264
- Best text with overlap coefficient: 627

what is known regarding asymptotic solutions to the exact boundary layer equations

- Best text with dice coefficient: 393
- Best text with jaccard coefficient: 393
- Best text with cosine coefficient: 393
- Best text with overlap coefficient: 128

previous solutions to the boundary layer similarity equations

- Best text with dice coefficient: 180
- Best text with jaccard coefficient: 180
- Best text with cosine coefficient: 180
- Best text with overlap coefficient: 539

experimental results on hypersonic viscous interaction

- Best text with dice coefficient: 1297
- Best text with jaccard coefficient: 1297
- Best text with cosine coefficient: 156
- Best text with overlap coefficient: 25

what has been done about viscous interactions in relatively low reynolds number flows, particularly at high mach numbers

- Best text with dice coefficient: 10
- Best text with jaccard coefficient: 10
- Best text with cosine coefficient: 10
- Best text with overlap coefficient: 1311

what role does the effect of chemical reaction (particularly when out of equilibrium) play in the similitude laws governing hypersonic flows over slender aerodynamic bodies

- Best text with dice coefficient: 332
- Best text with jaccard coefficient: 332
- Best text with cosine coefficient: 326
- Best text with overlap coefficient: 624

how significant is the possible pressure of a dissociated free stream with respect to the realization of hypersonic simulation in high enthalpy wind tunnels

- Best text with dice coefficient: 430
- Best text with jaccard coefficient: 430
- Best text with cosine coefficient: 430
- Best text with overlap coefficient: 624

do the discrepancies among current analyses of the vorticity effect on stagnation-point heat transfer result primarily from the differences in the viscosity-temperature law assumed

- Best text with dice coefficient: 1097
- Best text with jaccard coefficient: 1097
- Best text with cosine coefficient: 1097
- Best text with overlap coefficient: 329

how far can one trust the linear viscosity-temperature solution assumed in some of the analyses of hypersonic shock layer at low reynolds number

- Best text with dice coefficient: 536
- Best text with jaccard coefficient: 536
- Best text with cosine coefficient: 536
- Best text with overlap coefficient: 328

how close is the comparison of the shock layer theory with existing experiments in the low reynolds number (merged-layer) regime

- Best text with dice coefficient: 223
- Best text with jaccard coefficient: 223
- Best text with cosine coefficient: 223
- Best text with overlap coefficient: 1262

has anyone explained the kink in the surge line of a multistage axial compressor

- Best text with dice coefficient: 542
- Best text with jaccard coefficient: 542
- Best text with cosine coefficient: 542
- Best text with overlap coefficient: 588

have any aerodynamic derivatives been measured at hypersonic mach numbers and comparison been made with theoretical work

- Best text with dice coefficient: 203
- Best text with jaccard coefficient: 203
- Best text with cosine coefficient: 10
- Best text with overlap coefficient: 1064

are methods of measuring aerodynamic derivatives available which could be adopted for use in short running time facilities

- Best text with dice coefficient: 543
- Best text with jaccard coefficient: 543
- Best text with cosine coefficient: 543
- Best text with overlap coefficient: 543

what are wind-tunnel corrections for a two-dimensional aerofoil mounted off-centre in a tunnel

- Best text with dice coefficient: 630
- Best text with jaccard coefficient: 630
- Best text with cosine coefficient: 630
- Best text with overlap coefficient: 798

how do kuchemann's and multhopp's methods for calculating lift distributions on swept wings in subsonic flow compare with each other and with experiment

- Best text with dice coefficient: 675
- Best text with jaccard coefficient: 675
- Best text with cosine coefficient: 675
- Best text with overlap coefficient: 1337

what is the present state of the theory of quasi-conical flows

- Best text with dice coefficient: 241
- Best text with jaccard coefficient: 241
- Best text with cosine coefficient: 241
- Best text with overlap coefficient: 797

references on the methods available for accurately estimating aerodynamic heat transfer to conical bodies for both laminar and turbulent flow

- Best text with dice coefficient: 398
- Best text with jaccard coefficient: 398
- Best text with cosine coefficient: 398
- Best text with overlap coefficient: 521

what parameters can seriously influence natural transition from laminar to turbulent flow on a model in a wind tunnel

- Best text with dice coefficient: 1285

- Best text with jaccard coefficient: 1285
- Best text with cosine coefficient: 1285
- Best text with overlap coefficient: 80

can a satisfactory experimental technique be developed for measuring oscillatory derivatives on slender sting-mounted models in supersonic wind tunnels

- Best text with dice coefficient: 754
- Best text with jaccard coefficient: 754
- Best text with cosine coefficient: 754
- Best text with overlap coefficient: 754

what effect has the boundary layer in modifying the basic inviscid flow behind the shock, neglecting effects of leading edge and corner

- Best text with dice coefficient: 546
- Best text with jaccard coefficient: 546
- Best text with cosine coefficient: 26
- Best text with overlap coefficient: 2

how does a satellite orbit contract under the action of air drag in an atmosphere in which the scale height varies with altitude

- Best text with dice coefficient: 616
- Best text with jaccard coefficient: 616
- Best text with cosine coefficient: 616
- Best text with overlap coefficient: 547

how is the flow at transonic speeds about a delta wing different from that on a closely-related tapered sweptback wing

- Best text with dice coefficient: 878
- Best text with jaccard coefficient: 878
- Best text with cosine coefficient: 878
- Best text with overlap coefficient: 315

recent data on shock-induced boundary-layer separation

- Best text with dice coefficient: 501
- Best text with jaccard coefficient: 501
- Best text with cosine coefficient: 501

- Best text with overlap coefficient: 124

what interference effects are likely at transonic speeds

- Best text with dice coefficient: 794
- Best text with jaccard coefficient: 794
- Best text with cosine coefficient: 794
- Best text with overlap coefficient: 252

given complete freedom in the design of an airplane, what procedure would be used in order to minimize sonic boom intensity, and is there a limit to the degree of minimizing that can be accomplished

- Best text with dice coefficient: 1122
- Best text with jaccard coefficient: 1122
- Best text with cosine coefficient: 1122
- Best text with overlap coefficient: 329

can methane-air combustion product be used as a hypersonic test medium and predict, within experimental accuracies, the results obtained in air

- Best text with dice coefficient: 634
- Best text with jaccard coefficient: 634
- Best text with cosine coefficient: 634
- Best text with overlap coefficient: 634

what is the theoretical heat transfer rate at the stagnation point of a blunt body

- Best text with dice coefficient: 558
- Best text with jaccard coefficient: 558
- Best text with cosine coefficient: 558
- Best text with overlap coefficient: 84

what is the theoretical heat transfer distribution around a hemisphere

- Best text with dice coefficient: 634
- Best text with jaccard coefficient: 634
- Best text with cosine coefficient: 1097
- Best text with overlap coefficient: 101

has anyone investigated the unsteady lift distributions on finite wings in subsonic flow

- Best text with dice coefficient: 636
- Best text with jaccard coefficient: 636
- Best text with cosine coefficient: 250
- Best text with overlap coefficient: 636

what information is available for dynamic response of airplanes to gusts or blasts in the subsonic regime

- Best text with dice coefficient: 1329
- Best text with jaccard coefficient: 1329
- Best text with cosine coefficient: 1329
- Best text with overlap coefficient: 1329

will forward or apex located controls be effective at low subsonic speeds and how do they compare with conventional trailing-edge flaps

- Best text with dice coefficient: 637
- Best text with jaccard coefficient: 637
- Best text with cosine coefficient: 637
- Best text with overlap coefficient: 637

given that an uncontrolled vehicle will tumble as it enters an atmosphere, is it possible to predict when and how it will stop tumbling and its subsequent motion

- Best text with dice coefficient: 638
- Best text with jaccard coefficient: 638
- Best text with cosine coefficient: 638
- Best text with overlap coefficient: 638

what are the effects of initial imperfections on the elastic buckling of cylindrical shells under axial compression

- Best text with dice coefficient: 1124
- Best text with jaccard coefficient: 1124
- Best text with cosine coefficient: 1124
- Best text with overlap coefficient: 759

why does the incremental theory and the deformation theory of plastic stress-strain relationship differ greatly when applied to stability problems

- Best text with dice coefficient: 818
- Best text with jaccard coefficient: 818
- Best text with cosine coefficient: 1028
- Best text with overlap coefficient: 759

basic dynamic characteristics of structures continuous over many spans

- Best text with dice coefficient: 909
- Best text with jaccard coefficient: 909
- Best text with cosine coefficient: 909
- Best text with overlap coefficient: 132

is the information on the buckling of sandwich sphere available

- Best text with dice coefficient: 760
- Best text with jaccard coefficient: 760
- Best text with cosine coefficient: 760
- Best text with overlap coefficient: 760

can the load deformation characteristics of a beam be obtained with the material being inelastic and a non uniform temperature being present

- Best text with dice coefficient: 839
- Best text with jaccard coefficient: 839
- Best text with cosine coefficient: 839
- Best text with overlap coefficient: 761

what is the effect of an internal liquid column on the breathing vibrations of a cylindrical shell

- Best text with dice coefficient: 847
- Best text with jaccard coefficient: 847
- Best text with cosine coefficient: 847
- Best text with overlap coefficient: 763

experimental techniques in shell vibration

- Best text with dice coefficient: 952
- Best text with jaccard coefficient: 952

- Best text with cosine coefficient: 952
- Best text with overlap coefficient: 1038

in summarizing theoretical and experimental work on the behaviour of a typical aircraft structure in a noise environment is it possible to develop a design procedure

- Best text with dice coefficient: 908
- Best text with jaccard coefficient: 908
- Best text with cosine coefficient: 908
- Best text with overlap coefficient: 639

what data is there on the fatigue of structures under acoustic loading

- Best text with dice coefficient: 883
- Best text with jaccard coefficient: 883
- Best text with cosine coefficient: 883
- Best text with overlap coefficient: 75

panels subjected to aerodynamic heating

- Best text with dice coefficient: 5
- Best text with jaccard coefficient: 5
- Best text with cosine coefficient: 31
- Best text with overlap coefficient: 5

can increasing the edge loading of a plate beyond the critical value for buckling change the buckling mode

- Best text with dice coefficient: 1024
- Best text with jaccard coefficient: 1024
- Best text with cosine coefficient: 1024
- Best text with overlap coefficient: 829

have the effects of an elastic edge restraint been considered in previous papers on panel flutter

- Best text with dice coefficient: 1024
- Best text with jaccard coefficient: 1024
- Best text with cosine coefficient: 1024
- Best text with overlap coefficient: 821

has the solution of the clamped plate problem, in the classical theory of bending, been reduced to two successive membrane boundary value problems

- Best text with dice coefficient: 640
- Best text with jaccard coefficient: 640
- Best text with cosine coefficient: 640
- Best text with overlap coefficient: 640

what data exists on oscillatory aerodynamic forces on control surfaces at transonic mach numbers

- Best text with dice coefficient: 707
- Best text with jaccard coefficient: 707
- Best text with cosine coefficient: 707
- Best text with overlap coefficient: 703

it is not likely that the airforces on a wing of general planform oscillating in transonic flow can be determined by purely analytical methods is it possible to determine the airforces on a single particular planform, such as the rectangular one by such method

- Best text with dice coefficient: 1264
- Best text with jaccard coefficient: 1264
- Best text with cosine coefficient: 1264
- Best text with overlap coefficient: 315

is the problem of similarity for representative investigations of aeroelastic effects in heated flow as intractable as previous investigations imply

- Best text with dice coefficient: 874
- Best text with jaccard coefficient: 874
- Best text with cosine coefficient: 874
- Best text with overlap coefficient: 661

what is the magnitude and distribution of lift over the cone and the cylindrical portion of a cone-cylinder configuration

- Best text with dice coefficient: 1036
- Best text with jaccard coefficient: 1036
- Best text with cosine coefficient: 1036
- Best text with overlap coefficient: 234

is there any information on how the addition of a /boat-tail/ affects the normal force on the body of various angles of incidence

- Best text with dice coefficient: 491
- Best text with jaccard coefficient: 491
- Best text with cosine coefficient: 491
- Best text with overlap coefficient: 122

what are the aerodynamic interference effects on the fin lift and body lift of a fin-body combination

- Best text with dice coefficient: 924
- Best text with jaccard coefficient: 924
- Best text with cosine coefficient: 924
- Best text with overlap coefficient: 229

what is the effect of initial axisymmetric deviations from circularity on the non linear (large-deflection) load-deflection response of cylinders under hydrostatic pressure

- Best text with dice coefficient: 896
- Best text with jaccard coefficient: 896
- Best text with cosine coefficient: 896
- Best text with overlap coefficient: 896

are previous analyses of circumferential thermal buckling of circular cylindrical shells unnecessarily involved or even inaccurate due to the assumed forms of buckling mode

- Best text with dice coefficient: 768
- Best text with jaccard coefficient: 768
- Best text with cosine coefficient: 768
- Best text with overlap coefficient: 768

what papers are there dealing with circumferential buckling either thermal buckling or due to mechanical loading

- Best text with dice coefficient: 1144
- Best text with jaccard coefficient: 1144
- Best text with cosine coefficient: 1144
- Best text with overlap coefficient: 768

what analytical investigations have been made of the stability of conical shells how do the results compare with experiment

- Best text with dice coefficient: 897
- Best text with jaccard coefficient: 897
- Best text with cosine coefficient: 897
- Best text with overlap coefficient: 78

has any work been done on determining the nature of compressible viscous flow in a straight channel

- Best text with dice coefficient: 394
- Best text with jaccard coefficient: 394
- Best text with cosine coefficient: 394
- Best text with overlap coefficient: 916

in what areas, other than low density wind tunnel flows, is viscous compressible flow in slender channels a problem what analytical investigations have been made of the stability of conical shells how do the results compare with experiment

- Best text with dice coefficient: 940
- Best text with jaccard coefficient: 940
- Best text with cosine coefficient: 1012
- Best text with overlap coefficient: 568

jet interference with supersonic flow #¿NOMBRE?

- Best text with dice coefficient: 243
- Best text with jaccard coefficient: 243
- Best text with cosine coefficient: 243
- Best text with overlap coefficient: 695

thrust vector control by fluid injection -dash papers

- Best text with dice coefficient: 1286
- Best text with jaccard coefficient: 1286
- Best text with cosine coefficient: 1286
- Best text with overlap coefficient: 973

is it possible to obtain a reasonably simple analytical solution to the heat equation for an exponential (in time) heat input

- Best text with dice coefficient: 5
- Best text with jaccard coefficient: 5
- Best text with cosine coefficient: 5
- Best text with overlap coefficient: 868

has anyone programmed a pump design method for a high-speed digital computer

- Best text with dice coefficient: 1061
- Best text with jaccard coefficient: 1061
- Best text with cosine coefficient: 744
- Best text with overlap coefficient: 1244

has anyone derived simplified pump design equation from the fundamental three-dimensional equations for incompressible nonviscous flow

- Best text with dice coefficient: 944
- Best text with jaccard coefficient: 944
- Best text with cosine coefficient: 506
- Best text with overlap coefficient: 944

what are the flutter characteristics of the exposed skin panels of the x-15 vertical stabilizer when subjected to aerodynamic heating

- Best text with dice coefficient: 5
- Best text with jaccard coefficient: 5
- Best text with cosine coefficient: 5
- Best text with overlap coefficient: 858

what agreement is found between theoretically predicted instability times and experimentally measured collapse times for compressed columns in creep

- Best text with dice coefficient: 1019
- Best text with jaccard coefficient: 1019
- Best text with cosine coefficient: 1019
- Best text with overlap coefficient: 949

theoretical studies of creep buckling

- Best text with dice coefficient: 1019
- Best text with jaccard coefficient: 1019
- Best text with cosine coefficient: 1019
- Best text with overlap coefficient: 742

experimental studies of creep buckling

- Best text with dice coefficient: 1028
- Best text with jaccard coefficient: 1028
- Best text with cosine coefficient: 1028
- Best text with overlap coefficient: 1017

is it possible to correlate the results on the creep buckling of widely different structures within the framework of a single theory

- Best text with dice coefficient: 1012
- Best text with jaccard coefficient: 1012
- Best text with cosine coefficient: 1012
- Best text with overlap coefficient: 865

what are the experimental results for the creep buckling of columns

- Best text with dice coefficient: 1012
- Best text with jaccard coefficient: 1012
- Best text with cosine coefficient: 1012
- Best text with overlap coefficient: 1014

what are the results for the creep buckling of round tubes under external pressure

- Best text with dice coefficient: 1019
- Best text with jaccard coefficient: 1019
- Best text with cosine coefficient: 1019
- Best text with overlap coefficient: 890

have any analytical studies been conducted on the time-to-failure mechanism associated with creep collapse for a long circular cylindrical shell which exhibits both primary and secondary creep as well as elastic deformations under various distributed force systems

- Best text with dice coefficient: 951

- Best text with jaccard coefficient: 951
- Best text with cosine coefficient: 951
- Best text with overlap coefficient: 951

has the effect of initial stresses, on the frequencies of vibration of circular cylindrical shells, been investigated

- Best text with dice coefficient: 952
- Best text with jaccard coefficient: 952
- Best text with cosine coefficient: 952
- Best text with overlap coefficient: 763

has the effect of the change of initial pressure due to deformation, on the frequencies of vibration of circular cylindrical shells been investigated

- Best text with dice coefficient: 896
- Best text with jaccard coefficient: 896
- Best text with cosine coefficient: 896
- Best text with overlap coefficient: 825

what are the discontinuity stresses at junctions in pressurized structures

- Best text with dice coefficient: 953
- Best text with jaccard coefficient: 953
- Best text with cosine coefficient: 953
- Best text with overlap coefficient: 953

what analytical solutions are available for stresses in edge-loaded shells of revolution

- Best text with dice coefficient: 1036
- Best text with jaccard coefficient: 1036
- Best text with cosine coefficient: 1036
- Best text with overlap coefficient: 164

what dome contours minimize discontinuity stresses when used as closures on cylindrical pressure vessels

- Best text with dice coefficient: 953
- Best text with jaccard coefficient: 953
- Best text with cosine coefficient: 953
- Best text with overlap coefficient: 953

what general solutions for the stresses in pressurized shells of revolution are available

- Best text with dice coefficient: 929
- Best text with jaccard coefficient: 929
- Best text with cosine coefficient: 952
- Best text with overlap coefficient: 929

can studies of pure membrane cylinders having no wall bending stiffness but maintaining their shape by virtue of internal pressure provide any insight into the behaviour of pressurized cylinders with finite wall stiffness

- Best text with dice coefficient: 1043
- Best text with jaccard coefficient: 1043
- Best text with cosine coefficient: 1043
- Best text with overlap coefficient: 1049

what are the best experimental data and classical small deflection theory analyses available for pressurized cylinders in bending

- Best text with dice coefficient: 1043
- Best text with jaccard coefficient: 1043
- Best text with cosine coefficient: 1043
- Best text with overlap coefficient: 1049

does a membrane theory exist by which the behaviour of pressurized membrane cylinders in bending can be predicted

- Best text with dice coefficient: 1043
- Best text with jaccard coefficient: 1043
- Best text with cosine coefficient: 1043
- Best text with overlap coefficient: 1043

what are the equations which define the stability of simply supported corrugated core sandwich cylinders

- Best text with dice coefficient: 955
- Best text with jaccard coefficient: 955
- Best text with cosine coefficient: 1048
- Best text with overlap coefficient: 955

papers on small deflection theory for buckling of sandwich cylinders

- Best text with dice coefficient: 1046
- Best text with jaccard coefficient: 1046
- Best text with cosine coefficient: 1046
- Best text with overlap coefficient: 1124

has anyone developed an analysis which accurately establishes the large deflection behaviour of conical shells

- Best text with dice coefficient: 929
- Best text with jaccard coefficient: 929
- Best text with cosine coefficient: 930
- Best text with overlap coefficient: 825

what is the magnitude of second-order wing-body interference at high supersonic mach number

- Best text with dice coefficient: 1060
- Best text with jaccard coefficient: 1060
- Best text with cosine coefficient: 223
- Best text with overlap coefficient: 1072

what is the best theoretical method for calculating pressure on the surface of a wing alone

- Best text with dice coefficient: 675
- Best text with jaccard coefficient: 675
- Best text with cosine coefficient: 675
- Best text with overlap coefficient: 97

how can the effect of the boundary-layer on wing pressure be calculated, and what is its magnitude

- Best text with dice coefficient: 670
- Best text with jaccard coefficient: 670
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 670

how should the navier-stokes difference equations be solved

- Best text with dice coefficient: 1061
- Best text with jaccard coefficient: 1061
- Best text with cosine coefficient: 1061
- Best text with overlap coefficient: 59

which iterative method for solving linear elliptic difference equations is most rapidly convergent

- Best text with dice coefficient: 1084
- Best text with jaccard coefficient: 1084
- Best text with cosine coefficient: 1084
- Best text with overlap coefficient: 1086

technical report on measurement of ablation during flight

- Best text with dice coefficient: 1099
- Best text with jaccard coefficient: 1099
- Best text with cosine coefficient: 1088
- Best text with overlap coefficient: 803

what qualitative and quantitative material is available on ablation materials research

- Best text with dice coefficient: 1094
- Best text with jaccard coefficient: 1094
- Best text with cosine coefficient: 1094
- Best text with overlap coefficient: 1094

have flow fields been calculated for blunt-nosed bodies and compared with experiment for a wide range of free stream conditions and body shapes

- Best text with dice coefficient: 1004
- Best text with jaccard coefficient: 1004
- Best text with cosine coefficient: 1004
- Best text with overlap coefficient: 160

what are the available properties of high-temperature air

- Best text with dice coefficient: 1009
- Best text with jaccard coefficient: 1009
- Best text with cosine coefficient: 1009
- Best text with overlap coefficient: 14

what is the magnitude of aerodynamic damping in flexible vibration modes of a slender body of revolution characteristic of launch vehicles

- Best text with dice coefficient: 326
- Best text with jaccard coefficient: 326
- Best text with cosine coefficient: 326

- Best text with overlap coefficient: 1064

compressive circumferential stresses in a torispherical shell reveal the possibility of buckling under internal pressure has anyone investigated for which ranges of shell parameters these stresses are sufficiently large to cause elastic buckling

- Best text with dice coefficient: 1069
- Best text with jaccard coefficient: 1069
- Best text with cosine coefficient: 1069
- Best text with overlap coefficient: 1132

is there an integral method to give a single and sufficiently accurate method of calculating the laminar separate point for various incompressible and compressible boundary layers with zero heat transfer

- Best text with dice coefficient: 1384
- Best text with jaccard coefficient: 1384
- Best text with cosine coefficient: 326
- Best text with overlap coefficient: 54

what accurate or exact solutions of the laminar separation point for various incompressible and compressible boundary layers with zero heat transfer are available

- Best text with dice coefficient: 558
- Best text with jaccard coefficient: 558
- Best text with cosine coefficient: 558
- Best text with overlap coefficient: 54

can the hypersonic similarity results be applied to the technique of predicting surface pressures of an ogive forebody at angle of attack

- Best text with dice coefficient: 491
- Best text with jaccard coefficient: 491
- Best text with cosine coefficient: 491
- Best text with overlap coefficient: 232

what determines the onset of shock-induced boundary-layer separation

- Best text with dice coefficient: 316
- Best text with jaccard coefficient: 316
- Best text with cosine coefficient: 316
- Best text with overlap coefficient: 311

are the stable profiles of a compressible boundary layer induced by a moving wave known

- Best text with dice coefficient: 71
- Best text with jaccard coefficient: 71
- Best text with cosine coefficient: 71
- Best text with overlap coefficient: 503

are there experimental results on the stability of a compressible boundary layer induced by a moving wave

- Best text with dice coefficient: 156
- Best text with jaccard coefficient: 156
- Best text with cosine coefficient: 156
- Best text with overlap coefficient: 503

exact solution methods for calculating the ablative mass loss of a material ablating at high temperatures in a hypersonic flight environment

- Best text with dice coefficient: 651
- Best text with jaccard coefficient: 651
- Best text with cosine coefficient: 408
- Best text with overlap coefficient: 82

what approximate solutions are known to the direct problem of transonic flow in the throat of a nozzle, i.e. finding the flow in a given nozzle

- Best text with dice coefficient: 749
- Best text with jaccard coefficient: 749
- Best text with cosine coefficient: 749
- Best text with overlap coefficient: 157

what approximate solutions are known to the indirect problem of transonic flow in the throat of a nozzle, i.e. finding a nozzle which has a given axial velocity distribution

- Best text with dice coefficient: 4
- Best text with jaccard coefficient: 4
- Best text with cosine coefficient: 4
- Best text with overlap coefficient: 131

why do users of orthodox pitot-static tubes often find that the calibrations appear to be,. - (a) significantly different from those formerly specified, (b) wildly variable at low reynolds numbers

- Best text with dice coefficient: 238
- Best text with jaccard coefficient: 238
- Best text with cosine coefficient: 238
- Best text with overlap coefficient: 238

has a comparison been made between interference-free drag measurements using free-flight models and similar measurements made in a low-blockage wind tunnel

- Best text with dice coefficient: 431
- Best text with jaccard coefficient: 431
- Best text with cosine coefficient: 515
- Best text with overlap coefficient: 431

solution of the blasius problem with three-point boundary conditions

- Best text with dice coefficient: 320
- Best text with jaccard coefficient: 320
- Best text with cosine coefficient: 320
- Best text with overlap coefficient: 320

references on lyapunov's method on the stability of linear differential equations with periodic coefficients

- Best text with dice coefficient: 451
- Best text with jaccard coefficient: 451
- Best text with cosine coefficient: 451
- Best text with overlap coefficient: 451

obtain all papers and reports that contain shock detachment distance data

- Best text with dice coefficient: 482
- Best text with jaccard coefficient: 482
- Best text with cosine coefficient: 482
- Best text with overlap coefficient: 35

work on flow in channels at low reynolds numbers

- Best text with dice coefficient: 238
- Best text with jaccard coefficient: 238
- Best text with cosine coefficient: 238
- Best text with overlap coefficient: 1078

some approximate analytical heat conduction solutions using methods other than biot's principle

- Best text with dice coefficient: 585
- Best text with jaccard coefficient: 585
- Best text with cosine coefficient: 1071
- Best text with overlap coefficient: 585

what mode of stalling can be expected for each stage of an axial compressor

- Best text with dice coefficient: 542
- Best text with jaccard coefficient: 542
- Best text with cosine coefficient: 542
- Best text with overlap coefficient: 138

has a criterion been established for determining the axial compressor choking line

- Best text with dice coefficient: 31
- Best text with jaccard coefficient: 31
- Best text with cosine coefficient: 31
- Best text with overlap coefficient: 73

has a theory of quasi-conical flows been developed, in supersonic linearised theory, for which the upwash distribution on the lifting surface, apart from being a homogeneous function in the co-ordinate, is permitted to have a quite general functional form

- Best text with dice coefficient: 1265

- Best text with jaccard coefficient: 1265
- Best text with cosine coefficient: 773
- Best text with overlap coefficient: 49

how does scale height vary with altitude in an atmosphere

- Best text with dice coefficient: 615
- Best text with jaccard coefficient: 615
- Best text with cosine coefficient: 615
- Best text with overlap coefficient: 547

jet interference with supersonic flows theoretical papers

- Best text with dice coefficient: 243
- Best text with jaccard coefficient: 243
- Best text with cosine coefficient: 243
- Best text with overlap coefficient: 97

effects of leading-edge bluntness on the flutter characteristics of some square-planform double-wedge airfoils at mach numbers less than 15.4.

- Best text with dice coefficient: 633
- Best text with jaccard coefficient: 633
- Best text with cosine coefficient: 633
- Best text with overlap coefficient: 633

what factors have been shown to have a primary influence on sonic boom strength

- Best text with dice coefficient: 1175
- Best text with jaccard coefficient: 1175
- Best text with cosine coefficient: 1175
- Best text with overlap coefficient: 810

work on small-oscillation re-entry motions

- Best text with dice coefficient: 715
- Best text with jaccard coefficient: 715
- Best text with cosine coefficient: 715
- Best text with overlap coefficient: 77

experimental studies on panel flutter

- Best text with dice coefficient: 1006
- Best text with jaccard coefficient: 1006

- Best text with cosine coefficient: 1006
- Best text with overlap coefficient: 855

how can wing-body, flow field interference effects be approximated rationally

- Best text with dice coefficient: 1241
- Best text with jaccard coefficient: 1241
- Best text with cosine coefficient: 1241
- Best text with overlap coefficient: 230

has anyone analytically or experimentally investigated the effects of internal pressure on the buckling of circular-cylindrical shells under bending

- Best text with dice coefficient: 762
- Best text with jaccard coefficient: 762
- Best text with cosine coefficient: 762
- Best text with overlap coefficient: 762

what theoretical and experimental work has been done on the excitation and response of typical structures in a noise environment

- Best text with dice coefficient: 1144
- Best text with jaccard coefficient: 1144
- Best text with cosine coefficient: 1144
- Best text with overlap coefficient: 639

is there a design method for calculating thermal fatigue endurances of components of various types and sizes in a variety of circumstances

- Best text with dice coefficient: 832
- Best text with jaccard coefficient: 832
- Best text with cosine coefficient: 905
- Best text with overlap coefficient: 639

will an analysis of panel flutter based on arbitrarily assumed modes of deformation prove satisfactory, and if so, what is the minimum number of modes that need be considered

- Best text with dice coefficient: 768
- Best text with jaccard coefficient: 768

- Best text with cosine coefficient: 1006
- Best text with overlap coefficient: 390

what is the criterion for true panel flutter, as opposed to small amplitude vibration arising from acoustic disturbances

- Best text with dice coefficient: 1040
- Best text with jaccard coefficient: 1040
- Best text with cosine coefficient: 31
- Best text with overlap coefficient: 540

papers dealing with uniformly loaded sectors

- Best text with dice coefficient: 734
- Best text with jaccard coefficient: 734
- Best text with cosine coefficient: 734
- Best text with overlap coefficient: 732

general methods of solving clamped plate problems

- Best text with dice coefficient: 735
- Best text with jaccard coefficient: 735
- Best text with cosine coefficient: 735
- Best text with overlap coefficient: 732

how can the analytical solution of the buckling strength of a uniform circular cylinder loaded in axial compression be refined so as to lower the buckling load

- Best text with dice coefficient: 641
- Best text with jaccard coefficient: 641
- Best text with cosine coefficient: 641
- Best text with overlap coefficient: 641

in the problem of the buckling strength of uniform circular cylinders loaded in axial compression, does the linear solution help with improving the non-linear one

- Best text with dice coefficient: 641
- Best text with jaccard coefficient: 641
- Best text with cosine coefficient: 641
- Best text with overlap coefficient: 641

the problem of similarity for representative investigation of aeroelastic effects in a flow with the absence of heating effects

- Best text with dice coefficient: 1006
- Best text with jaccard coefficient: 1006
- Best text with cosine coefficient: 1006
- Best text with overlap coefficient: 342

how is fatigue damage estimated using the normal longhand method

- Best text with dice coefficient: 883
- Best text with jaccard coefficient: 883
- Best text with cosine coefficient: 883
- Best text with overlap coefficient: 722

is there any information available on the difference in the effects of various edge conditions on the buckling of cylindrical shells

- Best text with dice coefficient: 886
- Best text with jaccard coefficient: 886
- Best text with cosine coefficient: 1144
- Best text with overlap coefficient: 797

have non-linear large deflection analyses been conducted for shell shapes other than conical

- Best text with dice coefficient: 930
- Best text with jaccard coefficient: 930
- Best text with cosine coefficient: 930
- Best text with overlap coefficient: 1051

are asymptotic methods sufficiently accurate in the determination of pre-buckling stresses in torispherical shells, or must we resort to numerical methods

- Best text with dice coefficient: 322
- Best text with jaccard coefficient: 322
- Best text with cosine coefficient: 322
- Best text with overlap coefficient: 1051

what are the nonequilibrium chemical constituents in the viscous shock layer ahead of a blunt re-entry vehicle

- Best text with dice coefficient: 323
- Best text with jaccard coefficient: 323
- Best text with cosine coefficient: 323
- Best text with overlap coefficient: 624

how accurate are existing analytical theories in estimating pressure distributions on cones at incidence, at hypersonic speeds

- Best text with dice coefficient: 1283
- Best text with jaccard coefficient: 1283
- Best text with cosine coefficient: 1283
- Best text with overlap coefficient: 1308

are simple empirical methods of any use for estimating pressure distribution in cones

- Best text with dice coefficient: 1283
- Best text with jaccard coefficient: 1283
- Best text with cosine coefficient: 1283
- Best text with overlap coefficient: 926

do viscous effects seriously modify pressure distributions

- Best text with dice coefficient: 1074
- Best text with jaccard coefficient: 1074
- Best text with cosine coefficient: 1074
- Best text with overlap coefficient: 147

has anyone investigated theoretically whether surface flexibility can stabilize a laminar boundary layer

- Best text with dice coefficient: 1321
- Best text with jaccard coefficient: 1321
- Best text with cosine coefficient: 1321
- Best text with overlap coefficient: 131

how do subsonic and transonic flutter data measured in the new langley transonic dynamics tunnel compare with similar data obtained in other facilities

- Best text with dice coefficient: 1288
- Best text with jaccard coefficient: 1288

- Best text with cosine coefficient: 1288
- Best text with overlap coefficient: 1288

how do large changes in new mass ratio quantitatively affect wing-flutter boundaries

- Best text with dice coefficient: 365
- Best text with jaccard coefficient: 365
- Best text with cosine coefficient: 180
- Best text with overlap coefficient: 365

what is the effect of the shape of the drag polar of a lifting spacecraft on the amount of reduction in maximum deceleration obtainable by continuously varying the aerodynamic coefficients during re-entry

- Best text with dice coefficient: 1289
- Best text with jaccard coefficient: 1289
- Best text with cosine coefficient: 1289
- Best text with overlap coefficient: 163

what are the physical significance and characteristics of separated laminar and turbulent boundary layer flows

- Best text with dice coefficient: 254
- Best text with jaccard coefficient: 254
- Best text with cosine coefficient: 254
- Best text with overlap coefficient: 797

has anyone analytically investigated the stabilizing influence of soft elastic cores on the buckling strength of cylindrical shells subjected to non-uniform external pressure

- Best text with dice coefficient: 1169
- Best text with jaccard coefficient: 1169
- Best text with cosine coefficient: 1169
- Best text with overlap coefficient: 1170

what papers are available on the buckling of empty cylindrical shells under non-uniform pressure

- Best text with dice coefficient: 1169
- Best text with jaccard coefficient: 1169
- Best text with cosine coefficient: 1169
- Best text with overlap coefficient: 1049

what effect do thermal stresses have on the compressive buckling strength of ring-stiffened cylinders

- Best text with dice coefficient: 1175
- Best text with jaccard coefficient: 1175
- Best text with cosine coefficient: 1175
- Best text with overlap coefficient: 1175

what is the effect on cylinder buckling of a circumferential stress system that varies in the axial direction

- Best text with dice coefficient: 1144
- Best text with jaccard coefficient: 1144
- Best text with cosine coefficient: 1144
- Best text with overlap coefficient: 1171

can non-linear shallow shell analysis be reduced to an engineering technique by use of the matrix

- Best text with dice coefficient: 1040
- Best text with jaccard coefficient: 1040
- Best text with cosine coefficient: 1040
- Best text with overlap coefficient: 1292

is it possible to predict the shape of a shroud which will allow simulation of the nose region flow field for a sphere in hypersonic flow

- Best text with dice coefficient: 1232
- Best text with jaccard coefficient: 1232
- Best text with cosine coefficient: 1232
- Best text with overlap coefficient: 25

what investigations have been made of the wave system created by a static pressure distribution over a liquid surface

- Best text with dice coefficient: 175
- Best text with jaccard coefficient: 175
- Best text with cosine coefficient: 175
- Best text with overlap coefficient: 692

has anyone investigated the effect of shock generated vorticity on heat transfer to a blunt body

- Best text with dice coefficient: 323
- Best text with jaccard coefficient: 323

- Best text with cosine coefficient: 323
- Best text with overlap coefficient: 329

what is the heat transfer to a blunt body in the absence of vorticity

- Best text with dice coefficient: 558
- Best text with jaccard coefficient: 558
- Best text with cosine coefficient: 558
- Best text with overlap coefficient: 329

what are the general effects on flow fields when the reynolds number is small

- Best text with dice coefficient: 1219
- Best text with jaccard coefficient: 1219
- Best text with cosine coefficient: 1219
- Best text with overlap coefficient: 25

find a calculation procedure applicable to all incompressible laminar boundary layer flow problems having good accuracy and reasonable computation time

- Best text with dice coefficient: 382
- Best text with jaccard coefficient: 382
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 1373

papers applicable to this problem (calculation procedures for laminar incompressible flow with arbitrary pressure gradient)

- Best text with dice coefficient: 3
- Best text with jaccard coefficient: 3
- Best text with cosine coefficient: 3
- Best text with overlap coefficient: 1180

has anyone investigated the shear buckling of stiffened plates

- Best text with dice coefficient: 393
- Best text with jaccard coefficient: 393
- Best text with cosine coefficient: 393
- Best text with overlap coefficient: 2

papers on shear buckling of unstiffened rectangular plates under shear

- Best text with dice coefficient: 1356
- Best text with jaccard coefficient: 1356
- Best text with cosine coefficient: 1356
- Best text with overlap coefficient: 1397

in practice, how close to reality are the assumptions that the flow in a hypersonic shock tube using nitrogen is non-viscous and in thermodynamic equilibrium

- Best text with dice coefficient: 1316
- Best text with jaccard coefficient: 1316
- Best text with cosine coefficient: 1316
- Best text with overlap coefficient: 317

what design factors can be used to control lift-drag ratios at mach numbers above 5

- Best text with dice coefficient: 1186
- Best text with jaccard coefficient: 1186
- Best text with cosine coefficient: 340
- Best text with overlap coefficient: 1186