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E. M. SPARROW and M. A. ANSARI	1855	All-modes heat transfer from a horizontal cylinder situated adjacent to adiabatic, partially enclosing walls

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R. CAPS, A. TRUNZER, D. BÜTTNER, J. FRICKE and H. REISS	1865	Spectral transmission and reflection properties of high temperature insulation materials
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D. POULIKAKOS and A. BEJAN	1879	Natural convection in a porous layer heated and cooled along one vertical side
M. HAAJIZADEH, A. F. OZGUC and C. L. TIEN	1893	Natural convection in a vertical porous enclosure with internal heat generation
S. KOTAKE and I. AOKI	1903	Heat transfer of a cylinder in large-amplitude oscil- lating wake flows
<i>Technical Notes</i>		
Y. A. CENGEL, M. N. ÖZİŞİK and Y. YENER	1919	Radiative transfer in a plane-parallel medium with space- dependent albedo, $\omega(x)$
H. N. CHANG, J. K. PARK and C. KIM	1922	Effect of inert regions on local mass transfer rate measurements using the limiting diffusion current technique—case of Poiseuille type flow
J. M. NELSEN and R. W. DOUGLASS	1925	Non-uniform energy generation effects on natural convection in a spherical annulus enclosure
R. S. JOHNSON and J. C. MOLLENDORF	1928	Transport from a vertical ice surface melting in saline water
K. ANNAMALAI and S. STOCKBRIDGE	1932	Burning of char/carbon particle in a periodic thermal environment
J. M. HYUN	1936	Transient process of thermally stratifying an initially homogeneous fluid in an enclosure
R. S. GUPTA and A. KUMAR	1939	An efficient approach to isotherm migration method in two dimensions
<i>Announcement</i>	1943	First International Conference on Circulating Fluidized Beds

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YE. M. KHABAKHPASHEVA, B. P. MIRONOV, V. YE. NAKORYAKOV, A. K. REBROV and N. A. RUBTSOV	1945	Samson Semyonovich Kutateladze on his 70th birthday
S. S. KUTATELADZE	1947	The mixing length hypothesis in the turbulence theory
R. TAL (THAU), D. N. LEE and W. A. SIRIGNANO	1953	Heat and momentum transfer around a pair of spheres in viscous flow
Y. S. SIM and W.-J. YANG	1963	Numerical study on heat transfer in laminar flow through co-rotating parallel disks
S. SIENIUTYCZ	1971	Lumped parameter modelling and an introduction to optimization of one-dimensional nonadiabatic drying systems

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T. VIJAYAN and V. K. ROHATGI	1985	Physical behaviour of electron-beam fusion heat transfer and deep penetration in metals
I. KATAOKA and M. ISHII	1999	Mechanistic modeling of pool entrainment phenomenon
H. NOTH and A. MERSMANN	2015	Heat transfer phenomena in liquid-liquid spray columns
H. BJURSTRÖM, E. KARAWACKI and B. CARLSSON	2025	Thermal conductivity of a microporous particulate medium: moist silica gel
A. WOLNY and I. OPALIŃSKI	2037	Heat transfer in an electrostatically charged fluidized bed
H. H. BAU	2047	Convective heat losses from a pipe buried in a semi-infinite porous medium
M. OKADA	2057	Analysis of heat transfer during melting from a vertical wall
D. POULIKAKOS	2067	Maximum density effects on natural convection in a porous layer differentially heated in the horizontal direction
P. RAMAKRISHNA RAO and V. M. K. SASTRI	2077	Efficient numerical method for two-dimensional phase change problems
J. S. TRUELOVE	2085	Radiant heat transfer through the cover gas of a sodium-cooled fast reactor
J. P. DU PLESSIS and D. G. KRÖGER	2095	Friction factor prediction for fully developed laminar twisted-tape flow
M. KAVIANY	2101	Onset of thermal convection in a saturated porous medium: experiment and analysis
A. Z. DOLGINOV and N. A. SILANT'EV	2111	Heat transfer and diffusion from the sources with random components
K. G. T. HOLLANDS, G. D. RAITHBY, F. B. RUSSELL and R. G. WILKINSON	2119	Coupled radiative and conductive heat transfer across honeycomb panels and through single cells
E. M. SPARROW and W. Q. TAO	2133	Symmetric vs asymmetric periodic disturbances at the walls of a heated flow passage
P. HRYCAK	2145	Heat transfer from impinging jets to a flat plate with conical and ring protuberances
<i>Technical Notes</i> M. KUMARI, I. POP and G. NATH	2155	Film condensation along a frustum of a cone in a porous medium

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M. K. JENSEN	2171	A correlation for predicting the critical heat flux condition with twisted-tape swirl generators
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J. P. HARTNETT	2177	Professor E. R. G. Eckert—on his 80th birthday
E. R. G. ECKERT, R. J. GOLDSTEIN, S. V. PATANKAR, E. PFENDER, J. W. RAMSEY, T. W. SIMON, N. DECKER and T. H. KUEHN	2179	Heat transfer—a review of 1983 literature
M. S. RAJU, X. Q. LIU and C. K. LAW	2215	A formulation of combined forced and free convection past horizontal and vertical surfaces
J. ŁACH and W. PIECZKA	2225	On the properties of some special functions related to Bessel's functions and their application in heat exchanger theory
P. C. T. DE BOER	2239	Thermally driven motion of strongly heated fluids
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O. TANAKA	2259	An analysis of simultaneous heat and water vapor exchange through a flat plate crossflow total heat exchanger
S. ZIKIKOUT, D. DUROX et P. GOUGAT	2267	Effet de la température sur le champ dynamique turbulent à l'intérieur d'un tube
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T. KUNC, M. LALLEMAND and J. B. SAULNIER	2307	Some new developments on coupled radiative-conductive heat transfer in glasses—experiments and modelling
G. S. BAROZZI and G. PAGLIARINI	2321	Experimental investigation of coupled conduction and laminar convection in a circular tube

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G. E. BELL	2331	An inverse solution for the steady temperature field within a solidified layer
P. O. BRUNN and D. ISEMIN	2339	Dimensionless heat-mass transfer coefficients for forced convection around a sphere: a general low Reynolds number correlation
S. HABER, A. SHAVIT and J. DAYAN	2347	The effect of heat convection on drying of porous semi-infinite space
K. R. BLAKE, A. BEJAN and D. POULIKAKOS	2355	Natural convection near 4°C in a water saturated porous layer heated from below
G. GROSSMAN and M. T. HEATH	2365	Simultaneous heat and mass transfer in absorption of gases in turbulent liquid films
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D. B. INGHAM	2421	A note on the mass transfer in the entrance to a flat duct with permeable walls
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P. K. TEWARI	2435	Comments on 'Boiling of suspension of solid particles in water'
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V. K. ROHATGI	2436	Reply to "Comments on 'Measurement of high gas-stream temperature using dynamic thermocouples'"
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