

Leon Simon

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Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Mathematics

Publications

PUBLICATIONS

- **Stable minimal hypersurfaces in \mathbb{R}^{n+1} with singular set an arbitrary closed $Kc\{0\}xRI$** *ANNALS OF MATHEMATICS*
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- **A Frequency Function and Singular Set Bounds for Branched Minimal Immersions** *COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS*
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- **Stable branched minimal immersions with prescribed boundary** *JOURNAL OF DIFFERENTIAL GEOMETRY*
Simon, L., Wickramasekera, N.
2007; 75 (1): 143-173
- **Schauder estimates by scaling** *CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS*
Simon, L.
1997; 5 (5): 391-407
- **RECTIFIABILITY OF THE SINGULAR SET OF ENERGY MINIMIZING MAPS** *CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS*
Simon, L.
1995; 3 (1): 1-65
- **CYLINDRICAL TANGENT-CONES AND THE SINGULAR SET OF MINIMAL SUBMANIFOLDS** *JOURNAL OF DIFFERENTIAL GEOMETRY*
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- **PERTURBING AWAY SINGULARITIES OF HARMONIC MAPS** *MANUSCRIPTA MATHEMATICA*
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- **ENTIRE SOLUTIONS OF THE MINIMAL SURFACE EQUATION** *JOURNAL OF DIFFERENTIAL GEOMETRY*
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- **NODAL SETS FOR SOLUTIONS OF ELLIPTIC-EQUATIONS** *JOURNAL OF DIFFERENTIAL GEOMETRY*
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- **CONTINUITY ESTIMATES FOR SOLUTIONS TO THE PRESCRIBED-CURVATURE DIRICHLET PROBLEM** *MATHEMATISCHE ZEITSCHRIFT*
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- **SOME EXTENSIONS OF BERNSTEINS THEOREM** *MATHEMATISCHE ZEITSCHRIFT*
Simon, L.
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- **HOLDER ESTIMATE FOR QUASICONFORMAL MAPS BETWEEN SURFACES IN EUCLIDEAN SPACE** *ACTA MATHEMATICA*
Simon, L.
1977; 139 (1-2): 19-51
- **EQUATIONS OF MEAN CURVATURE TYPE IN 2 INDEPENDENT VARIABLES** *PACIFIC JOURNAL OF MATHEMATICS*
Simon, L.
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- **REGULARITY AND SINGULARITY ESTIMATES ON HYPERSURFACES MINIMIZING PARAMETRIC ELLIPTIC VARIATIONAL INTEGRALS** *ACTA MATHEMATICA*
Schoen, R., Simon, L., ALMGREN, F. J.
1977; 139 (3-4): 217-265
- **THEOREM OF DEGIORGI AND STAMPACCHIA** *MATHEMATISCHE ZEITSCHRIFT*
Simon, L.
1977; 155 (2): 199-204
- **REMARKS ON CURVATURE ESTIMATES FOR MINIMAL HYPERSURFACES** *DUKE MATHEMATICAL JOURNAL*
Simon, L.
1976; 43 (3): 545-553
- **INTERIOR GRADIENT BOUNDS FOR NONUNIFORMLY ELLIPTIC EQUATIONS** *INDIANA UNIVERSITY MATHEMATICS JOURNAL*
Simon, L.
1976; 25 (9): 821-855
- **BOUNDARY REGULARITY FOR SOLUTIONS OF NONPARAMETRIC LEAST AREA PROBLEM** *ANNALS OF MATHEMATICS*
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