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PUBLICATIONS (MATHEMATICAL BIOLOGY GROUP)

My Philosophy of Life
While there is a will there is a way

NO handwritten notes except original signatures.
VOID unless bears original signatures on every page.
DATE and TIME of printing must match on every page.

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Key to Institutions	<ul style="list-style-type: none"> ■ For each item, the line containing AUTHORSHIP(S) mentions, in the left-hand column, name of the institution (listed, below, alphabetically), where the work was performed: <ul style="list-style-type: none"> • The Albert Einstein College of Medicine, Bronx, New York 10461, USA • Indiana University, Bloomington, Indiana 47405, USA • The Johns Hopkins University, Homewood Campus, Baltimore, Maryland 21218, USA • University of Karachi, University Road, Karachi 75270, Pakistan • University of Lund, Malmö General Hospital (Spinal Unit), S-21401, Malmö, Sweden • University of Oklahoma, Norman, Oklahoma 73019, USA • The Sir Syed University of Engineering and Technology, University Road, Karachi 75300, Pakistan
Papers	<ul style="list-style-type: none"> ■ Papers in modeling of child growth, modeling of human brain, human heart and human spinal column, detection and documentation of scoliosis using moiré fringe topography as well as study of posture and gait: <ul style="list-style-type: none"> • 2011 <ul style="list-style-type: none"> • Growth-and-Obesity Profiles of Children of Karachi using Box-Interpolation Method http://www.ngds-ku.org/pub/jourabstA.htm#J29: http://www.ngds-ku.org/Papers/J29.pdf KAMAL SA, Jamil N, Khan SA, <i>International Journal of Biology and Biotechnology</i> 8(1), 2011, 87-96 • Anthromathematics: A New Branch of Mathematics http://www.ngds-ku.org/pub/confabstA.htm#C85: http://www.ngds-ku.org/Presentations/Anthromath.pdf KAMAL SA, <i>the Sixth Symposium on Computational Complexities, Innovations and Solutions (CCIS 2011)</i>, COMSATS Institute of Information Technology, Abbotabad, KP, Pakistan, 2011, abstract # 1, pp 13, 14 (keynote lecture)

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- **An Airport-Passenger-Screening System based on Emitted IR and Thermal Radiation**
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- Abstract*
Karachi University
- **Mathematics in the Life Sciences**
A new branch of mathematics (anthromathematics) introduced in this lecture
<http://www.ngds-ku.org/pub/confabst.htm#C79>:
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- **Biomedical Applications of 3-D Optical Imaging and Image Processing**
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 - **Role of Moiré Fringe Topography and Rasterstereography in the Management of Back Pain**
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- **The Early-Childhood-Integrated-Developmental Examination (ECIDE) for 3-8 Years Old Children**
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- **The NGDS Pilot Project: Aiming at the Future of Pakistan**
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