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[C49] Z. Ye, T. Möllenhoff, T. Wu and D. Cremers,
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[C51] J. Du, R. Wang and D. Cremers,
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[C53] L. Koestler, N. Yang, R. Wang and D. Cremers,
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[C54] P. Wenzel, R. Wang, N. Yang, Q. Cheng, Q. Khan, L. von Stumberg, N. Zeller and D. Cremers,
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[C61] B. Haefner, Z. Ye, M. Gao, T. Wu, Y. Queau and D. Cremers,
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[C62] A. Vasilev, V. Golkov, M. Meissner, I. Lipp, E. Sgarlata, V. Tomassini, D. K. Jones and D. Cremers,
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[C64] D. Schubert, N. Demmel, L. von Stumberg, V. Usenko and D. Cremers,
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[C82] R Scona, M Jaimez, YR. Petillot, M Fallon and D Cremers,
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[C87] T. Frerix, T. Möllenhoff, M. Moeller and D. Cremers,
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[C99] D. Bender, W. Koch and D. Cremers, 
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[C101] M. Jaimez, C. Kerl, J. Gonzalez-Jimenez and D. Cremers, 
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Y. Queau, T. Wu, F. Lauze, J.-D. Durou and D. Cremers,
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A Variational Approach to Shape-from-shading Under Natural Illumination, 

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[C129] N. Mayer, E. Ilg, P. Häusser, P. Fischer, D. Cremers, A. Dosovitskiy and T. Brox, 
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[C131] V. Golkov, M. J. Skwark, A. Golkov, A. Dosovitskiy, T. Brox, J. Meiler and D. Cremers, 
Protein Contact Prediction from Amino Acid Co-Evolution Using Convolutional Networks for Graph-Valued Images, 
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[C132] Z. Lähner, E. Rodola, F. R. Schmidt, M. M. Bronstein and D. Cremers, 
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[C133] V. Usenko, J. Engel, J. Stueckler and D. Cremers, 
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[C134] A. Narr, R. Triebel and D. Cremers, 
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SHREC’16: Matching of Deformable Shapes with Topological Noise, 
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[C142] D. Bender, D. Cremers and W. Koch, 
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[C143] I. Chiotellis, R. Triebel, T. Windheuser and D. Cremers, 
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[C144] T. Windheuser and D. Cremers, 
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[C149] C. Hazirbas, J. Diebold and D. Cremers, 
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[C157] A. Dosovitskiy, P. Fischer, E. Ilg, P. Haeusser, C. Hazirbas, V. Golkov, P. van der Smagt, D. Cremers and T. Brox, 
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This paper proposes a method for non-rigid 3D shape matching that is based on a novel optimization framework. The method uses a graph cut formulation to find the optimal correspondence between two shapes, taking into account the elastic properties of the shapes.

Methodology
The method involves the following steps:
1. Preprocessing: The input shapes are preprocessed to remove noise and irregularities.
2. Correspondence Optimization: The correspondence between the shapes is optimized using a graph cut approach, which ensures that the matching is globally optimal.
3. Elastic Deformation: The matched shapes are deformed to achieve a better alignment.

Results
The proposed method achieves high accuracy in matching non-rigid shapes, outperforming existing methods in terms of both qualitative and quantitative metrics.

Conclusion
The method presented in this paper offers a novel approach to non-rigid 3D shape matching, which can be applied in various fields such as computer vision, robotics, and medical imaging.

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