

H SYNTHOMOTION-360 DATASET VISUALIZATION

In this section, we provide a visual overview of the seven animated sequences comprising our proposed *SynthoMotion-360* benchmark. As detailed in the main paper, this dataset is designed to rigorously evaluate the performance of dynamic reconstruction methods on scenes with complex and non-rigid motions. Figures [A8](#), [A9](#), [A10](#), [A11](#), [A12](#), [A13](#), [A14](#) showcase a representative frame from each curated sequence, highlighting the diversity and difficulty of the dynamics captured.



Figure A8: **Sequence: Cat.** A dynamic Cat sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.



Figure A9: **Sequence: Deer.** A dynamic Deer sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.

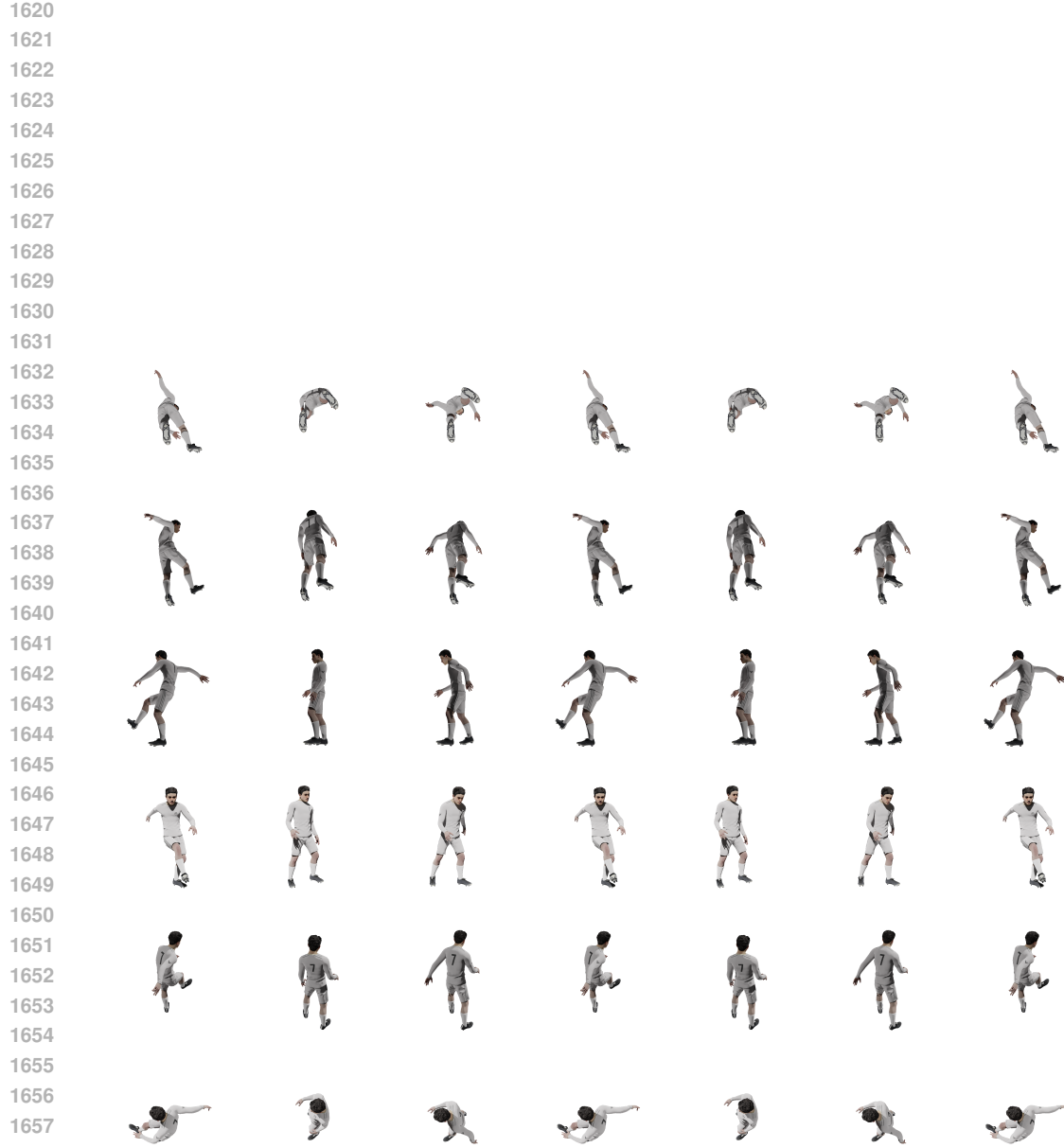


Figure A10: **Sequence: *Football Player*.** A dynamic Football Player sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.

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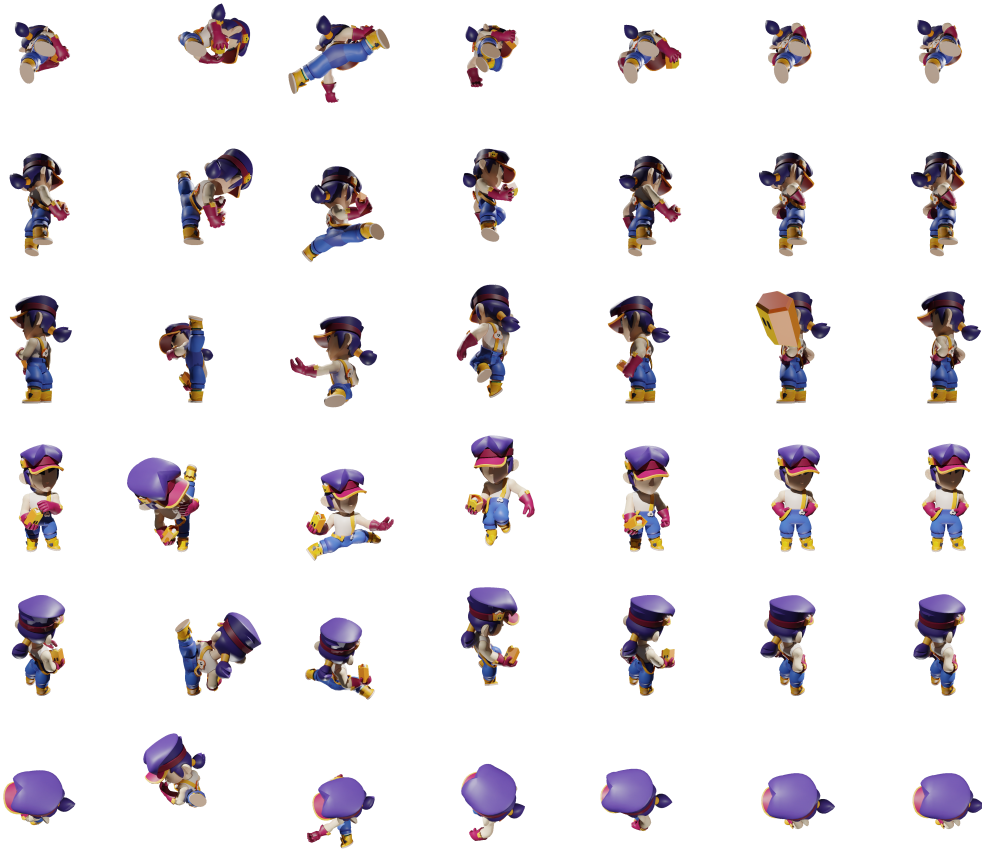


Figure A11: **Sequence:** *Stylized Character (Lego)*. A dynamic Lego sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.



Figure A12: **Sequence: *Rabbit***. A dynamic Rabbit sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.

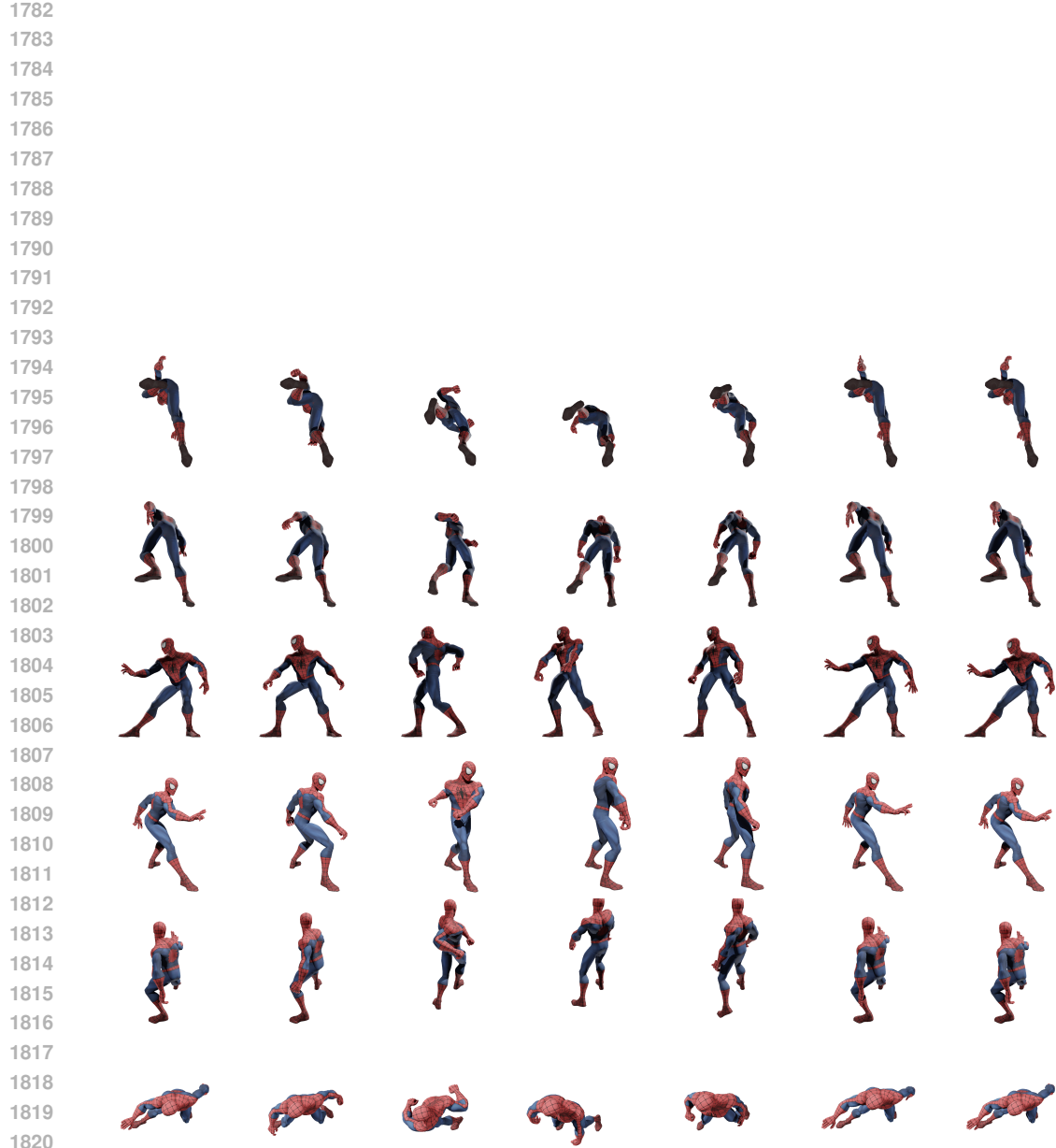


Figure A13: **Sequence: Spider-Man Fight.** A dynamic Spider-Man sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.

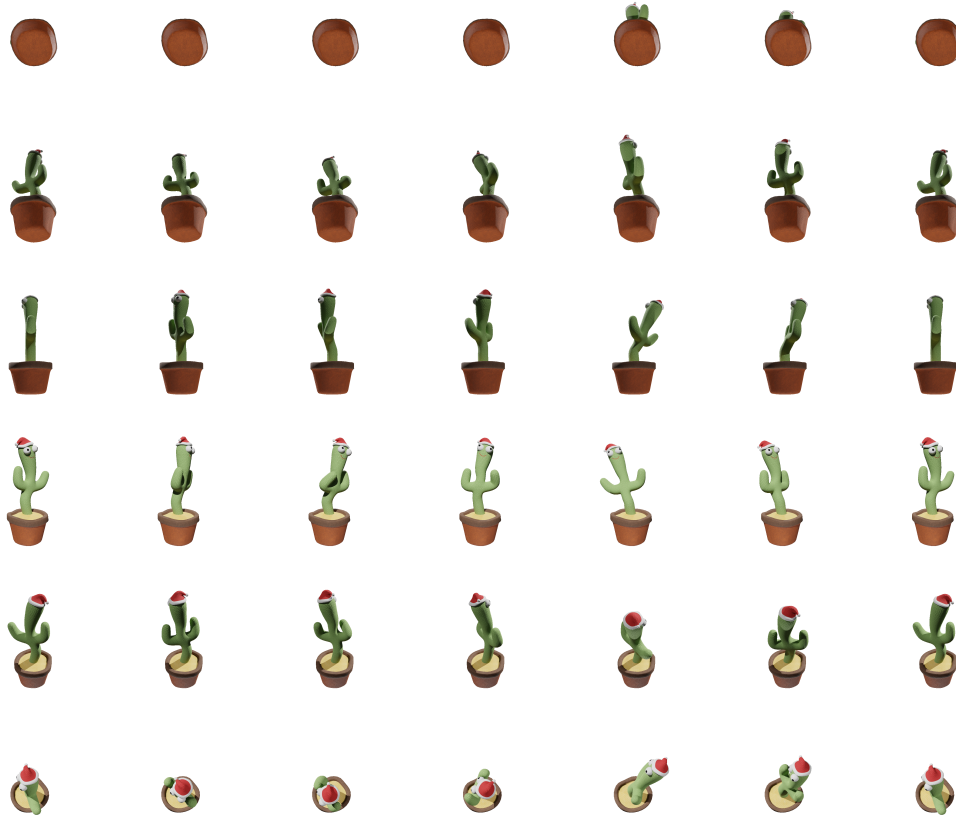


Figure A14: **Sequence: *Dancing Toy***. A dynamic Dancing Toy sequence in our *SynthoMotion-360* dataset. Each row represents different time steps, and each column represents different camera views.