

Speckle Amplitude

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graph TD; A[Speckle Amplitude] --> B[Complex-valued Dense Layer]; B -- Real --> C[Hadamard Product Layer]; B -- Imaginary --> C; C -- Real --> D[Amplitude Layer]; C -- Imaginary --> D; D --> E[Image Amplitude Output];
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The diagram illustrates a five-stage processing pipeline for speckle amplitude. It begins with 'Speckle Amplitude' (light blue), followed by a 'Complex-valued Dense Layer' (purple), then a 'Hadamard Product Layer' (blue), an 'Amplitude Layer' (white), and finally 'Image Amplitude Output' (light blue). Arrows indicate the flow between these layers, with the complex-valued and Hadamard product layers each branching into 'Real' and 'Imaginary' components before merging back into the main flow.

Complex-valued Dense Layer

Real

Imaginary

Hadamard Product Layer

Real

Imaginary

Amplitude Layer

Image Amplitude Output