

Figure 2: *Above:* Function  $\sin x$ , its inverse  $F$ -transform and corresponding 7 components of direct  $F$ -transform; *Below:* Fuzzy partition of  $[0, 2\pi]$ .

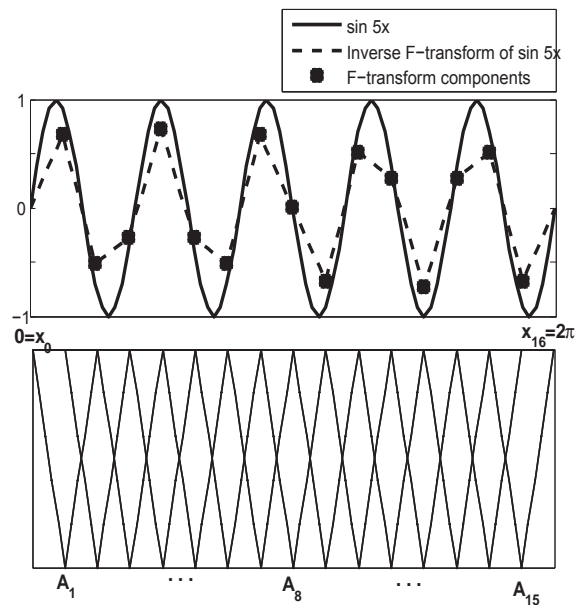


Figure 4: *Above:* Function  $\sin(5x)$ , its inverse  $F$ -transform and corresponding 15 components of direct  $F$ -transform; *Below:* Fuzzy partition of  $[0, 2\pi]$ .

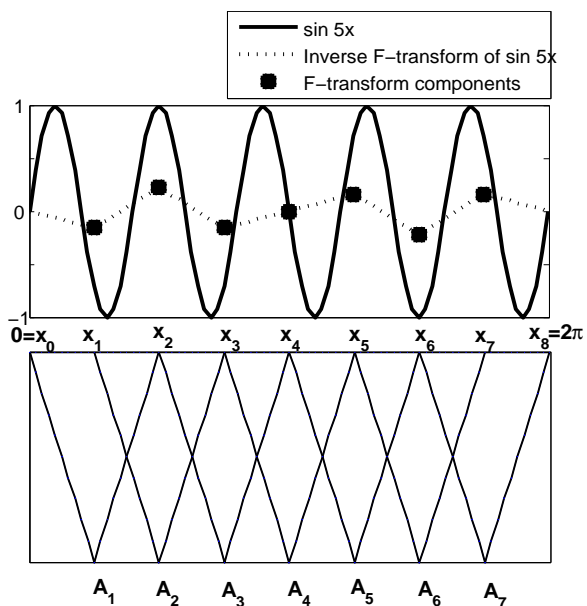


Figure 3: *Above:* Function  $\sin(5x)$ , its inverse  $F$ -transform and corresponding 7 components of direct  $F$ -transform; *Below:* Fuzzy partition of  $[0, 2\pi]$ .

## References

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