

is analiz . Ödev No 3

Adı Soyadı: _____

Öğrenci No: _____

1 1

2 2

3 3

4 4

5 5 1

6 6 2

7 7 3

8 8 4

9 9 5

0 0

1 1

2

3

4

5

6

7

8

9

0 5 0

1

2

3

4

5

6

7

8

9

0 0

1 1 1

2 2 2

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9 9 9

0

1

2

3

4

5

6

7

8

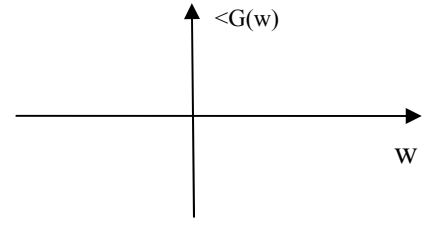
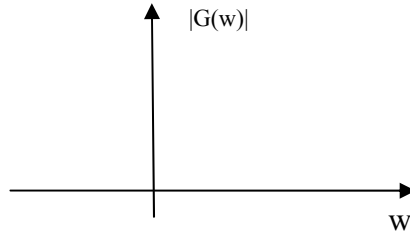
9

1) $G(w) =$

$|G(w)| =$

$\angle G(w) =$

w	G(w)	G(w)	$\angle G(w)$
0			
∞			

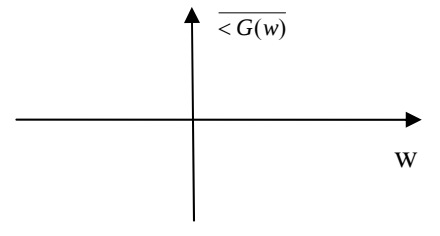
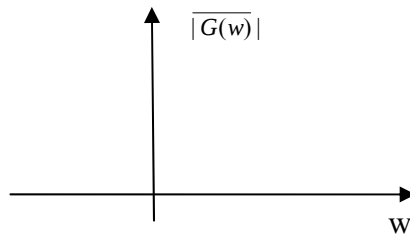


2) $\overline{G(w)} =$

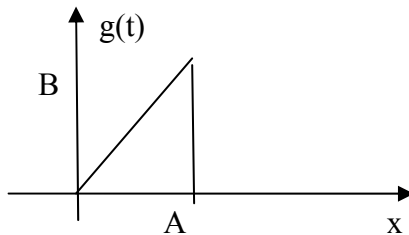
$|\overline{G(w)}| =$

$\angle \overline{G(w)} =$

w	$\overline{G(w)}$	$ \overline{G(w)} $	$\angle \overline{G(w)}$
0			
3.14			



1) Şekildeki işaretin furier donusumunu bulun, $G(w)$ ya ait faz ve genlik spektrumunu cizin.



2) Soru 1 deki işaretin b)5 örnek alarak ayrik furier donusumunu bulun. Ayrik furier donusumune ait genlik ve faz spektrumunu cizin.