

Turbo Kodierer

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Kodierer Information

- ▶ Rekursiver Kodierer
- ▶ Anzahl von Ausgängen : 2
- ▶ Anzahl von Registern : 2
- ▶ Generatoren : 5, 7

Kodierer Matrix : Nächster Zustand

	Bit 0	Bit 1
Zustand 1	0	2
Zustand 2	2	0
Zustand 3	3	1
Zustand 4	1	3

Kodierer Matrix : Voriger Zustand

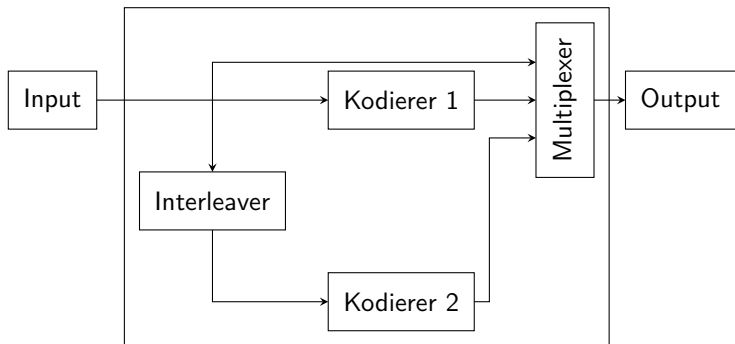
	Bit 0	Bit 1	2.Möglichkeit
Zustand 1	0	1	-1
Zustand 2	3	2	-1
Zustand 3	1	0	-1
Zustand 4	2	3	-1

Kodierer Matrix : Ausgangsbits

	Bit 0	Bit 1
Zustand 1	00	11
Zustand 2	00	11
Zustand 3	01	10
Zustand 4	01	10

Turbo-Kodierer

- ▶ Input : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

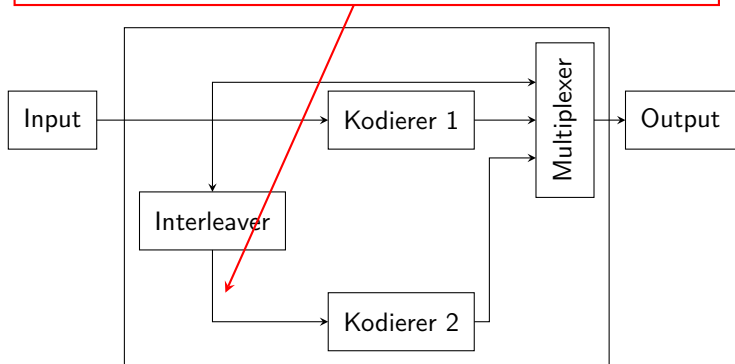


- ▶ Output : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

Turbo-Kodierer

- ▶ Input : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

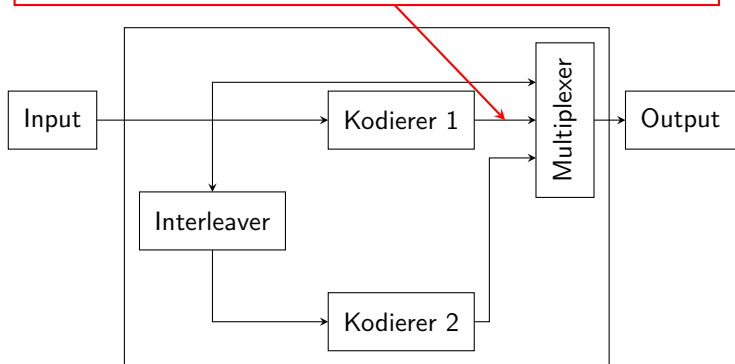


- ▶ Output : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

Turbo-Kodierer

- Input : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

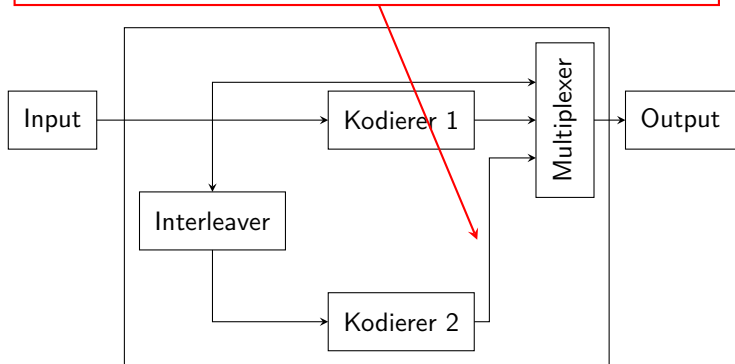


- Output : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

Turbo-Kodierer

- Input : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...

1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...



- Output : 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, ...