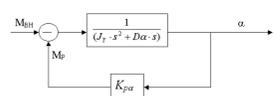
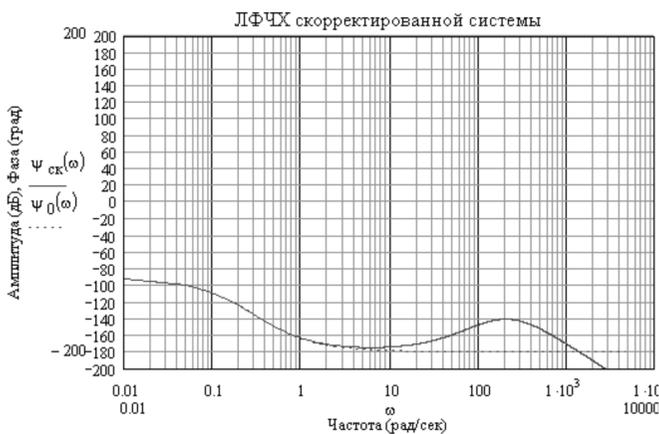
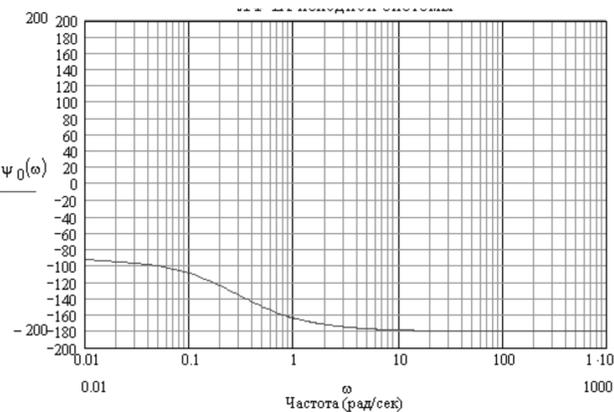
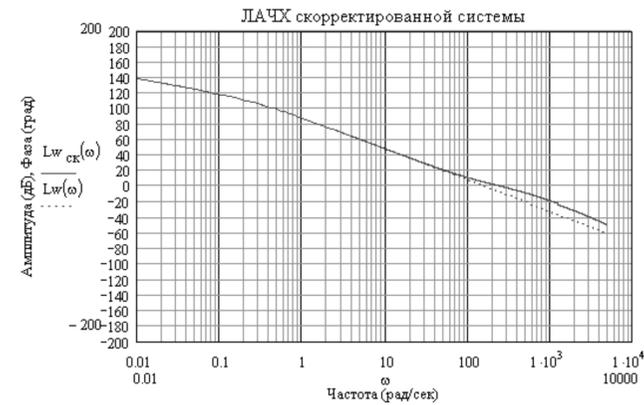
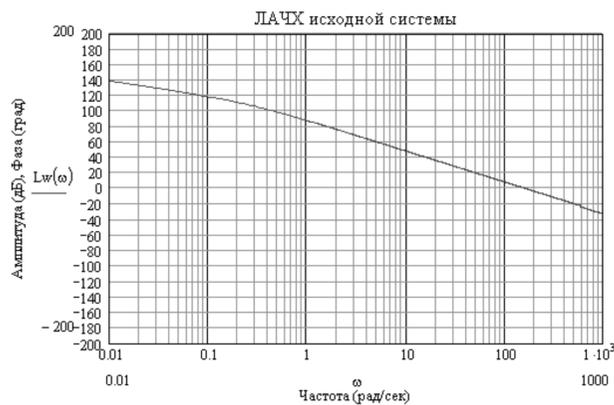
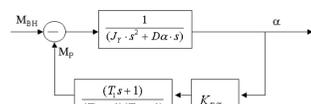


Канал Y

$$W(s) = \frac{K_{p\alpha}}{s(T \cdot s + 1)}$$



$$W_p(\omega) = \frac{(T_1 \cdot s + 1)}{(T_2 \cdot s + 1) \cdot (T_3 \cdot s + 1)}$$



$$\omega_{cp} = 25 \text{ Гц}$$

$$\Delta A \rightarrow \infty$$

$$\Delta \varphi \rightarrow 0$$

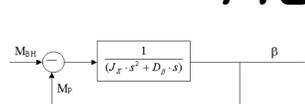
$$\omega_{cp} = 38,2 \text{ Гц}$$

$$\Delta A = 24,9 \text{ дБ}$$

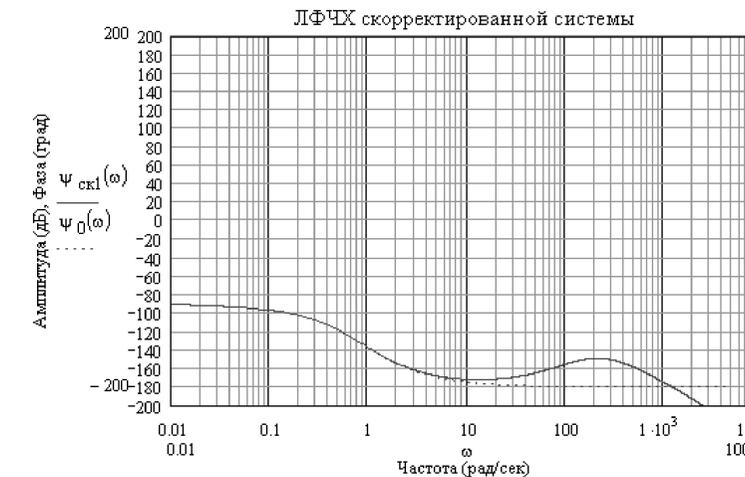
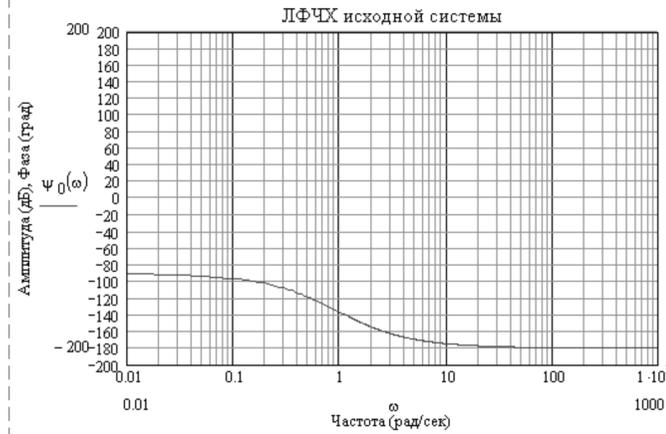
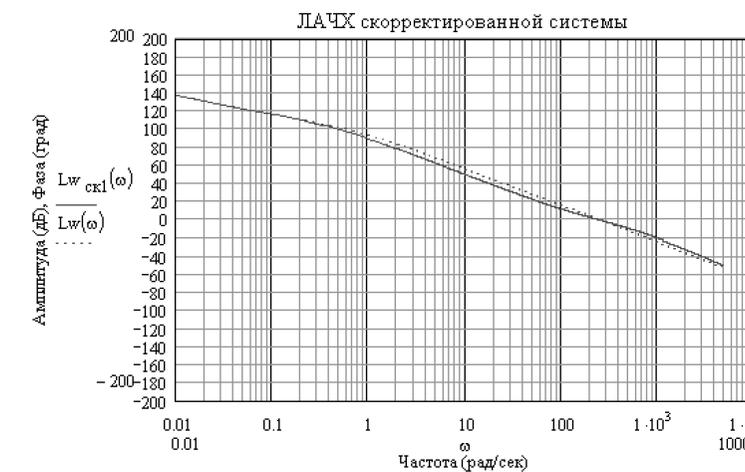
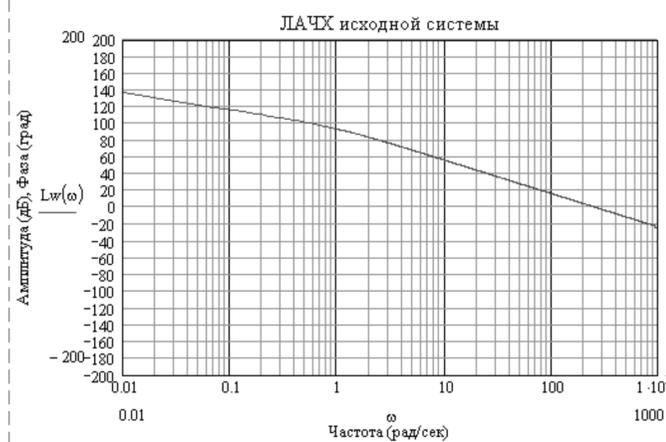
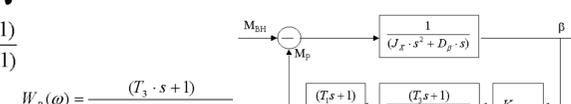
$$\Delta \varphi = 52^\circ$$

Канал X

$$W(s) = \frac{K_{p\beta}}{s(T \cdot s + 1)}$$



$$W_p(\omega) = \frac{(T_1 \cdot s + 1)}{(T_2 \cdot s + 1)}$$



$$\omega_{cp} = 39,9 \text{ Гц}$$

$$\Delta A \rightarrow \infty$$

$$\Delta \varphi \rightarrow 0$$

$$\omega_{cp} = 38,4 \text{ Гц}$$

$$\Delta A = 24,24 \text{ дБ}$$

$$\Delta \varphi = 30,8^\circ$$

				Гиробертикаль наземного подвижного объекта			
Изм/Лист	№ докум	Подп	Дата	Графики	Лит	Масса	Масштаб
Разраб	Радаинов Г.Р.				Лист 5	Листов 6	
Проб	Русанов Г.Г.			МГТУ им. Н.Э.Баумана			
Инженр				Кафедра ИУЭ			
Чит				Группа ИУЭ-89			
				Формат А1			