**Приложение2**

**I. Преобразования графиков с помощью параллельного переноса**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1***х**у*+2***у* = *х*2 + 2** |  | **6***х**у*–3***у* = (*х* – 3)2** |  | **11***х**у*+3+1***у* = (*х* + 3)2 + 1** |  |
|  |  |  |  |  |  |
| **2***х**у*–3***у* = *х*2 – 3** |  | **7***х**у*+2***у* = (*х* + 2)2** |  | **12***х**у****у* = (*х* + 2)2 – 4**+2–4 |  |
|  |  |  |  |  |  |
| **3***х**у*+2***у* = –*х*2 + 2** |  | **8***х**у****у* = –(*х* – 4)2**–4 |  | **13***х**у****у* = –(*х* + 3)2 + 4**+3+4 |  |
|  |  |  |  |  |  |
| **4***х**у****у* = 2*х*2 – 4**–4 |  | **9***х**у*+3***у* = –(*х* + 3)2** |  | **14***х**у****у* = (*х* – 3)2 – 3**–3–3 |  |
|  |  |  |  |  |  |
| **5***х**у*+3***у* = –*х*2 + 3** |  | **10***х**у****у* = –(*х* – 2)2**–2 |  | **15***х**у*+4+3***у* = –2(*х* + 4)2 + 3** |  |
|  |  |  |  |  |  |

**II. Для каждого графика укажите уравнение функции**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **А***х**у* |  | **Е***х**у* |  | **Л***х**у* |  |
|  |  |  |  |  |  |
| **Б***х**у* |  | **Ж***х**у* |  | **М***х**у* |  |
|  |  |  |  |  |  |
| **В***х**у* |  | **З***х**у* |  | **Н***х**у* |  |
|  |  |  |  |  |  |
| **Г***х**у* |  | **И***х**у* |  | **О***х**у* |  |
|  |  |  |  |  |  |
| **Д***х**у* |  | **К***х**у* |  | **П***х**у* |  |
|  |  |  |  |  |  |