**YAZAR Adı SOYADI\***

https://orcid.org/XXXX-XXXX-XXXX-XXXX

eposta: xxxxxxxxxx@xxxxx,xxx

Üniversite

Birim

Bölüm/Anabilimdalı

İl/Türkiye

**YAZAR Adı SOYADI**

https://orcid.org/XXXX-XXXX-XXXX-XXXX

eposta: xxxxxxxxxx@xxxxx,xxx

Üniversite

Birim

Bölüm/Anabilimdalı

İl/Türkiye

\*Sorumlu yazar

(Corresponding author)

Eğer tez veya projeden üretildiyse

Bu makale xxxxx xxxxx’xx xxxxxxx xxx xxx xxxxxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxx dalında hazırladığı Yüksek Lisans Tezinden üretilmiştir.

**Araştırma makalesi**

**(Research Article)**

Gönderilme tarihi/Submission date

XX.XXXX.202X

Kabul tarihi/Accepted date

XX.XXXX.202X

Yayınlanma tarihi/Publishing date

XX.XXXX.202X

**TÜRKÇE BAŞLIK**

**ÖZET**

xxxxxxxxxxx, xxxxxxxx xxxxxx xxxxxxxxx, xxxxxx xx xxxxxx xxxxxx xxx xxxx xxxxxxx xxxxxxxxxx’xxx, xxxxxxx xxx xxxxxxxx xxxxxx xxxxxxxxx xxxxxxxxx, xxxxxxx xxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxx xxxxxxxxxx, xxxxxxxxx xx xxxxxxxxxxx xxxxxxxxxxxxxx xxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxx xxxxxxxx xxxxxxxxxxxxxxxxx xxxxxxxxxxxxx. xx xxxxxxxxxx, xxxxxxx xxx xxxxxxxxxx xxxxxx xxxx xxxxxxxxxx xxxxx xxx xxxxxxxxx xxxxxxxxxx xxxxxxxx xxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxx xx xxxxxxxx xxxxxxxxxxx xxxxxxx xxxxxxxx xxxxxxxxxxxxxxxx.

xxxxxxx xxxxxxxxx xxxxxxx xxxxxx xxx xxxxxx xxxxxx xx xxxxxxxx xxxxxxx xxxxxx xxxxxx xxxxxxxx xxxxxxxxx xxxxxxxxxxx, xxxxxx xxxxxxx xxx xxxx xxxxxxxxx (xxxxx, xxxxx, xxxxxx xxxxxx xxxx xx.) xxxxxxxx xxxxxxxxxx xx xxxxxxxx xxxxx xxxxxx xxxxxx xxxxxxx xxxxxxxxx xxxxxxxx, xxxxxxxx xxxxxxxxx xxxxxx, xxxxxxxxxxx xxxxxxxxx xxxxxx, xxxxxxx xx xxxxxxxx xxxxxxxxx xxxxxx xxxxxxxxx, xxxxxxx xxxxxx xx xxxxxxxxxxxxxx xxxxx xx xxxxxxxxx xxxxxxxxxxxx.

xxxxx xxxxxx xxxxxx xxxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxx xxxxxx xxxxxxx, xxxxxxx xx xx xxxxxxxxxxx xxxxxxxxxxx xx xxxx xxxxxx xxxxxxxxxxx xxxxx xxx xxxxxxx xxxxxx xxxxxxxxx xxxxxxx xxxxxx xxxxx xxxxxxxxxxxx xxxxxxxxxxxx xxxxxxxxxx, xxxxxxxx xxxxxxxxx xxxxxxxx xx xxxxxxxxxxx xxxxxxxx xxxxxx xxxxxxx xxxxxxxxx xxxxxxxxxxxxxx xxxxxx xx xxxxx xxxxxx xxxxxxx xxxx xxxxxxxx xxxxxxxxxxxxxxxx.

**Anahtar Kelimeler:** xxxxxxx xxx, xxxxxx xxxxx, xxxxxx xxxx xxxxxx xxxxx xxxxxx, xxxxxx xxxxxxxxx, xxxxxxxxxx

**ENGLISH TITLE**

**ABSTRACT**

xx xxxx xxxxxxxx, xx xx xxxxx xx xxxxxxxx xxx xxxxxxx xxxxxxxxx xx xxxxxxxxxx, xxxxx xx xxxxxxxxx xxxx xxx xxxxxxxx xxxxxxxx xxxxxx, xxxxxx xxx xxxxxxxxxx xxxxxxx, xxx xx xxxxxx xxx xxxxxxxxxxxxxx, xxxxxxxxxxxx xxx xxxxxxxxxxx xxxxxxxxx xx xxxxx'x xxxxx xxxxxxxxxx xxxxxxxx xxxx xxx xxxxxxxxx xxxxxxxxxxxx xxxxxxxxxxxx xxxxxxxxxx. xx xxxx xxxxxxxxx, xx xxxxx xx xxxxxxx xxxxxxxxx xxxxxxxxxx xx xxx xxxxxxxxxx xxxx xxxxxx xx xxxxxxxxxx, xxxxxxxxxxx xxxx xxxx xxx xxxxxxxx xxxxxxxxx xx xxxxx xx xxxxxxxxx xxxxxxxxxxxx xxxxxxxxxx.

xxxxxxxxxxx xx xxx xxxxxxxx xxxxxxxxx xx xxx xxxx xx xxx xxxxxxxxxx xxx xxxxxxx xxxxxxxxxxx xxxxxxx xxxx xxx xxxxxx xxxxxxxx xx xxx xxxxx xxxxxxx, xxxxxxxxxxxxx xx xxx xxxxxxxxxx xx xxxxxxxxxx xxxxxxxxx xxx xxxxx xxxxxx (xxxxxx, xxxxxx, xxxxxx xxxxxxxxxx xxxxxxxx xxx.) xxxxxxxx xxxxxxxx xx xxxxx xx xxxxxx xxx xxxxx, xxxxxx xxx xxxxxxxxxxx xx xxxxxx xxxxxx xxx xxxxx xxxx xxxxxxxxxx.

xx x xxxxxx, xxxxxxxxx xxxx xxxx xxxxxxxxx xxx xxxxxxxxx xxx xxxxxxxxx xxxxx xxxx xxxx xxxxxx xxx xxxxxxxxxxxx xx xxxxxxxxxx xxxxxxxxxxxx, xxxxx xxx xxxxxxxxxx xxxx xxxxx'x xxxxxx xxxxxx xxxxxxxxxx, xxxxx xxxxxx xx xx xxxxxxxxxx xxxx xxx xxxxxxxxxx xxxx, xxxx xx xxxxxxxxxx xx xxxxxxxxxxx xxxx xx xxxx, xxx xxxx xx xxxxxxxxxxx xx xxxxxx xxxxxxxxxxx xx xxxxxx xxxxxx.

**Keywords:** xxxxx xxxx, xxxxxxxxxx xxxxxxxxxxx, xxxxxxxxxx xxxxxxx, xxxxxxxxxx xxxxxxxxxxxxx xxxxxxxxxx, xxxxxxxxx xxxxxxxxxxxx, xxxxxxxxxx

# xxxxx

xxxxxxx, xxxxxxxxx, xxxxxxxxxxxx xxxxxxxxx xxxxxx xx xxxxxxxxx xxx, xxxxxx xx xxxxxxxx xxxxxx xxxxxx xxxxxx xxxxxx xx xx xxxxxxxx xxxxxxx xxxxxxxxxx xx xxxxxx xxxxxx xxxxxxx xxxxx xxxxxxxxx xxxxx xxxxxxxxxx. xx xxxxx xxxx xxxxxxxxxxx xx xxxxxxxxx xxxxxx xx xxxxxxxxxxxxxx. xxxxxxxx xxxxxxxxx xx xxxxxx xxxxx xxxxxxxxxx xxxxxxxxxx, xxxxx xx xxxxxxxx xxxxxxxxxxxxxx xxxxxxxxxxxx, xxxxxxxxx xxx xxx xxxxxxxx xxxxx xxxxxxxxxx (xxxxx, 2007).

xxxxxx xx xxxxxxxx xxxxxx xxxxxxxxxxx xxxxxxx xxxxxxxx xxxxxxxx, xxxxxx xxx xxxxxxxx xx xxxxxxxxxxx xxx xxxxxxx xxxxxx xxxxxxx xxxxxxxxxx. xxxxxxxx xxxxxxx xxxxxxxxxxx, xxxxx-xxxxxxxx, xxxxxxxx, xxxxx xxxxxxxx xx xxxxxxxx xxxxx xx xxxxxxxxxxx xxxxxxxxx xxxxxxxx xxxxxxxxxxx (xxxxx, 2004). xxxxxxx xxxxxxxxxx xxxxxxxxx xxx; xxxxxxxxx xx, xxxxxxxx, xxxxxx xx xxxxxx xxxxxxxxx xxxxxxx xxxxxx, xxxxxx xxxxxxxxxxxx xxxxx-xxxxxxxx, xxxxxxxx xx xxxxxxxx xxxxxxxxxxx xxxxxx xxxxxxxxxxxx xxxxxxxxxxxxx (xxxxx, 2007).

xxxxxx xxxx xx xxxxxxxxxx xxxxxxxxx xxx xxxxxx xxxxx xx xxxxxxx xxxxxxxxx xxxxxx xxxxxxxxx. xxxxx xxxxxxxxx, xx xxxxx xxxxxx xxxxxxxxxxx, xxxxxxxxxx xx xxxxxxx xxxxxxx xxxxxxxxxx xxxx xxxxxxxxx xxxx, xxxxxx xxxxxxxxx xxxxxxxxx, xxxxxxxxxxxxxxx, xxxxxxxxxxx xx xxxxxxxxxxxxxxxxxx xxxx xxxxxx xxxxxxxxxxx. xxxxxxx ‘xx xxxxxx xxxxxxxxxx, xxxxx xx xxxxxxxx xxxx xxxxxxxxxxxxx xxxxxxxxx xxxx xxxxxxxxx xxxxxxxxx xx xxxxxxxxxx 19.xx xxxxxxxxxx xxxxxxxx, xxxxxxxx xxxxx xxxxx xxxxxxx xxxxx xxx xxx xxxxxxx, xxxxx xxxxx xxxxxxxx xxxxxxxxxx xxx xxxxxx xxxxxx xxxxxxxx xxxxxxxxxxxxxxx. xxxxxxxxx xxx xxxxxxxxx xxxxxxxxxxx xx xxxxxxxxxxxxxxxxxxxx xxxxxxx xx xxxxx xxxxxxxxxxxx xxxxxxxxxxx xxxxxxx xxxxxxxxxxxxx (xxxxxxxx xx., 2001).

xxxxxxx xxxxxxx xxxxxxxxxxx xxxxxx xxxxxxxxxx, xxxxxxxxx xxxxxxxxx xx xxx xxxxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxxxxxxx xxxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxxxx. xxxxxxx xxxxxx xxxxx xxxxxxxxxx xx xx xxxxxxxxxx xxxxxxxx xxxxxxxx xxxx xxxx xxxxxxxxxxxxx xxxxx, xxxxxx xxxxxxx, xxxxxxxxxxxxxxx xx xx xxxxxxxx xx xxxxxxx xxxxxxxxx xxxxxxxxxxx xxxxxxxxxx xxxxxxx xxxxxxx xx xxxxxx xxxxxx xxxxxxxxxxx xxxxxxxx xxxxxxxxxxxxx xxxxxxxxxxxxxx xxxxxxxxxxxxx. xxxxxxx xxxxxxx xxxxxxx, xxxxxx xxxxxx xxxxxx xxxxxxxx xxxxxxxxx xxxx xxxxxxx xxxxxxxx. xxxxxx xxxxxx, xxxxx, xxxx xxxxxxxx, xxxxx xxxxxxxxx xx xxxxxxxx xxxx xxxxxx xxxxxxxx xx xxxxxxxxxxx xxxxxxx xxxxxxxxxxx

xxxxxxxxx xxxxx xxxxxx xxx xxxxxxxxxx xxxxxxx xxxxx, xxxx, xxxx xx xxxxxxxxxxxxx xxxxx xxxxxxxx xxxxxxxxxxx xxxx xxxx xxxxx. xx xxxxxxxx xxxxxxx xxxxxxxxxx xxxxxxxxx xxxxxxxxxx xxxxxxx xx xxxxxxxxxx. xx xxxxx xxxxxxxxx xxxxxxx xx xxxx xxxxxxx xxxx xxxxx xxxxxx xx xxxxxx xxx xxxxxxx xxxxx xx xxxxxxxxxx. xx xxxxxxxx xxxxxx xx xxxxxxx xxxxxx xxxx xxxx xxxxxxx xxxxxxxxxx xxxxxxxxxxxxxxxx. xxxxxxx xxxxxxxxxxxx xxxxxx, xxxxx xx xxxxxxxx xxxxxxxx xxxxxxx xxxxxxxx xxxxxxxxx xxxx xxxxxx xxxxx xxx xxxxxxxxxx (xxxxx, 2011). xxxxxxxx xx xxxxxx xxxxx xxxxx xxxxxx xxxxxx xxx xxx xxxx, xxxx xxxxxxxx, xx xx xxxx xxxx xxxxxx xxxxxxxx xxxxx xxx xxxxx xxxxxxxxxx xxxxxxxxxxxx xxxx xxxxx xxxxxxx xxx xxxxxxx xxx xx xxxxxxxx xxxxxx xxxxx, xxxxxxxx xxxxxx xxxxxxxxxxx xxx xxxxxxxxxxxx xxxxxxxx xxxxx xx xxxxxxxx xxxxxxxxxxxxx (xxxxxx xx xxxxxxx, 1992).

xxxxxxxx xxxxx, xxxxxx xxxxxxx xx xxxxxxxx xxxxxxx xxxxxxx xxxxxxxxx xxxxxxxx xx xxxxxx xxxxx xxxxxxxxxxx (xxxxx xxxxxxxx, xxxxxxxx, xxxxxxxx xxxxxxxx xx.) xxxxxxxx xxxxxxxxxxxx xxxxxxxx xxxxxxx xxx xxxxxxxxxxxxx. xxxxxxx xxx xxxxx xxxxxx xxxxxxxxxx xx xxxxxxxxx xxxxxxxxx, xxxxxxxxxxxxxx xx xxxxxxxxxxxxxxxxx xxxxxxxxxxxxx. xx xxxx xxxx xxxxx xxxxxxxx xxxxxxxxxx xxx xxxxx xxxxxxx xxx xxxxxxxxx xxxxx xxxxxx xxxxxx xxxxxxxxxx (xxxxxx, 2015). xxx xxxxxx xxx xxxxx xxxxxxxxxxx xxxxxxx xxxxxx, xx xxxxxxx xxxxxxxxxxxx xxxxxxxxxxxxx xxxxxxxxx, xxxxxxxxxxx, xxxxxxxxxxxxxxx xx xxxxxxxxxxxxxxxxxx xxxxxx xxxxxxx xxxxxxx xxxx xxxxxxxx xxxxxx xx xx xx xxxx xxxxxxxx xxx xxxxxxxx xxxxxxxx xxxxxxxx, xxxxxxx xx xxx xxxxxxxxx xxx xxxxxxxx, xxx xxxxxxx xxxxxxx xxxxxx xxxxxxxxxx xx xxxxxxxxxxxx (xxxxxxxxxx, xxxxxx, xxxxx, xxxxxxx, xx xxxxx, 2012).

xxxxxxx’xx xxx xxxxxx 2017 xxxxxxx xxxxxxxxxx xxxxx xxxxxxxxx xxxx xxxxxxxxx xxxxxxx xxxxxxxx xxxxxx xxx xxxxxx xxxxxx xxxxxxx xxxxxx, 17650 xxxx xxxxxxxxxx, xxxxxxx xx xxxxxx xxx xxxxxxxx xxxxxxx xxxx xxxxxxxxxxxxx. xx xxxxxxxxx 288 xxxxxx xxxxxxx xxx xxxxx xxxxxx xxxxxxxxxxxxx (xxxxxx, 2018).

xxxxxxxxx, xxxxx xxxxxx xxxxx xx xxxxxxxx xxxxxxxxxxxxxx, xxxxxx xxxxxxxx xxxxxxxxxxxx xxxxxxxxxx xx xxxxxxxxxxxxxxxxxxxxx xxxxxxxxx, xxxxxxxx xxxxxxxxxxx, xx xxxxxxxxxxx xxxxx xxxxxx xx xxxxxxxxxxxx xxxx xxxxxx xxx xxx xxxxxxxxxxxx (xxxxxxx, 2014). xx xxxx xxxxxxx xxxxxxxxxxxx xx xxxxx xxxxxxx xxxxxx xxxxxxxx xxxxx xxxxxxxxxxxxx. xxxxx xxxxxx xxx xxxxxx xxxxx xx xxxxx-xxxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxxxxx xxxxxxxxxx xxxx xxxxxxx xxxx xxxxxx xxxxxxxxxxx xxxxxxxx xxxxxxxxx.

xx xxxxxxxxxx xxxxxxx xxxxx; xxxxxx xxxxxx xxxxxx xxxxxx xxx xxxxx xxx xxxxxx xxxxxxxxxxx xxxxxxxxx xxxxxxxxxx xxxxxx’xxxxx xxxxxxx xxx xxxxxxxx xxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxxx xx xxxxxxxxxxxxxxx. xxxxxx xxxxxxx xxx xxxxx xxxxxx xxxxxx xxxxxxxxxxxxxxxx xx xxxxxxx xxxxxx xxxxxxxxxxxxx xxxxxxxx xxxxxxxxxx, xxxxxxx xxxxxxxx xx xxxxx xxxxxxxxxxxxx xxxxxxxxxxx xx xxxxxxx xxxxxxxxx xxxxxxxx xxxxxxxxx xxxxxx xxxxxxxx xxxxxxxx xxxxxxxxxxxxxx xxxxxxxx xxxx xxxxxxxx xxxxxxxxxxxxxx.

# xxxxxxxxxx xxxxxxx xxx xxxxx xxxxx xxxxxxxxxxx

## xxxxx xx xxxxxx

xxxxxxxxxx xxx xxxxxxxxxxx xxxxxx xxxxx xxxxx xxxxxxxxxx xxxxxxxxx xxxxxxx xxx xxxxx xxxxxxxxxxxxxxx. xxxxxxxxxx xxxx xxxxxxxxx xxxxxx’xxx xxx xxxx 35˚ 48' – 35˚ 01' xxxx xxxxxxxxxx xxx 41˚ 00' – 41˚ 19' xxxxx xxxxxxxxx xxxxxxxx, xxxxxx xx xxxxxxxxx xxxxxxxx xxx 115 xx xxxxxxxxx xxxxxxx xxx xxxxxxx (xxxxx 1). xxxxxxxxx 1713 xx² xxxx xxxxx xxxxxxx xxxxxxx’xxx xxxxx xxxxxxxxxx xxxxxxxxxx xxxxxxxxxx xx xxxxxxxxx xxxxx xxxxxx’x xxxxxxxxx xxxx xx xxxxxxxxxx xxxxxx’x xxx xxxxxxxxxx (xxxxxx xxxxxx xxxxxx, 2010).

xxxxx 1. xxxxxxxxxx xxxxxx xx xxxxxxx xxx xxxxx xxxxx xxxxxxxx

xxxxxxx xxxxx xxxx xxxxxxx xxx xxxxx xxxxxxxxx xxxxxxxx xxxx xxxxxxxxxx xxx xxxx xxx xx xxxx xxxxxxx xxxxxxxxx, xxxxxxxx xx xxxxxxxxxxxxxxxxxxx xxx xxx xxxxxxxxxx. xxxxxxx xxx xxxxxxxx xxxxxxxxxxx, 100.xxx xxxxxxx, xxxxxxx xxxxx xxxxxx xxxxxxx, xxxxxxxxxx xxxxxxx, xxxxxxxx xxxxxxx, 207 xxxxx, 600 xxxxx, 713 xxxxx, 801 xxxxx, 824 xxxxx, 904 xxxxx,1004 xxxxx,1200 xxxxx 1202 xxxxx, 1402 xxxxx, 1403 xxxxx, 1610 xxxxx xxxxxxxxxxxxxxx. xxxxx 2’xx xxxxxxx xxxxxxxxxx xxxx xxxxxxx xx xxxxxxx xxx xxxxxxxxx xxxxxxxx xxxxxx xxx xxxxxxxxxxx xxxxxxxx xxxxxxxxxxx, xxxxxxxx xxx xxxxxx, xxxxxxx xxxxxxxxxxx, xxxx xxxxxxx, xxxx xxxxxxxxx, xxxxxxxxxxxxx.

xxxxx 2. xxxxxxxxxx xxxx xxxxxxx xxxxxx xxxxxx xxx xxxxxxxx

## xxxx xxxxxxxxx

xxxxxxxxxx xxxxxxx xxx xxxxx xxxxxx 42 xx’xxx xxx xxxxx xxxxxxxx xx xxxxxx, xxxxxxxxxxx xxxxxx xxxxxxx xxxxxxx 50 xxxxx xx 6 xxxxx xxxxxxxxxxxxx. xxxxxxxxx 12 xxxxx xx 4 xxxxx xxxxxx xxxxx xxxxxxxxxxxx xxxx 35 xxxx xxxxx xxx xxxx xxxxxxxxxx xxx xxxxxxxxxx. xxxxxxxxxx xxxxxxxxxx’xxx xxxxxxx ‘xxxxx xxxxxxxxxxxxxx’ xxxxxxx xxxxxxxxxx xxxxxxx xxx xxxxxxxx 3 xxxxx xx 4 xxxxx xxxxxxxxxxx xxxxx xxxxxxx, xxxxxx 126 xx xxxxxxxxxxxxxxxxxxxx. xxxxxxx xxx xxxxx xxxxxx xxxx xxxxxxxxx xxxxx 3’xx xxxxxxxxxxx. xxxx xxxxxxxxxx xxxxxxx; xxxxx xxxxxxxx, xxxxxxx xxxxxxxx, xxxxx- xxxxxxx xxxxxxxx, xxxxx-xxxxxx-xxxxxxx xxxxxxxx, xxxxxxxx xxxxxxx, xxxxx xxxxxxxx, xxxx xxxxxxxx, xxxxxxx xx xxxxxxxx xxxxxxxxxxxxxx. xxxx, xxxxxxxx xx xxxxxxx xxx xxx xxxxxx xxxxxx xxxxx xxxx xxxxxxx xxxxxxxx xxxxx xxxxxx 1-2 xxxxx xxxxx xxxxxxx xxx xxxxxxxxxxx, 931 xxxxxxx xxxxxxxxxxxx. xxxxxxxxx xxxxxxxxxx xxxxxx xxxxxxxx xxxxxxxxxxxx xxxxxxxxx xx xxxxxx xxxxxxxx xxxxxx xxxxxx xxxxxxxxxx xx xxxxxxxx xx xxxxxxxx xxxxxxxxxxxxx. xxxxxxx xxxxxxxxxx xxxx xxxx xx xxxxx xxxx xxxxxxxx xxxxxx xxxxxxxx xx xxxxxxxxxxxxxxx. xxxxxxx xxx xxxxxxxxx xxxxxxxxxx xxxxxxx xxxxxx xxxxxxx xxxxx 4’xx xxxxxxxxxxxxx.

# xxxx xxxxx xxxxxxx xx xxxxxx xxxxxxxxxx

## xxxxxx xxxxxxxxxx

xxxxxxx xxx xxxxx xxxxxxxxxxx xxxxxxxxx xxx xxxxxxxx xx xx xxxxxxxxx xxxxx xx xxxxxxxxxx, xxx xxxxxxxxxx, xxx xxxxxx, xxxx, xxxxx xxxxxx, xxxxxxxxxx xxxxxxxxxx, xxxx xxxx xxxxx xxxxxx xxxxxxxxxxxx xxxxxxx xxxxxx xxxxxxxxxxxxxx xxxxxxxx, xxxxxx xxxxxxxxx xxx xxxxxxxx xx xxxxxxxx xxxxxxxxxxx xxxxxxxxxxxxx. xxxxxx xxxxxxxxxx xx xxxxxxxxxxx xxxxxxxxx, xxxxxxx xxx xxxxxxxxx xxxxxxxxxx ‘xxxxx xxxxxxxxxxxxxx’ xxxxxxx xxxxxxxxxx xxx xxxx xxxxx xx xxxxxxxxxx xxxxxxxxxx, xxxxxxxxx xxxxxxx xx xxxxxxxx xxxxxxxxxxxxx xxxx xxxxxxxxx xxxxxxxxxxxxxxxxx. xxxxxxxxx xxxxxx xx xxxxxxxxxx xxxxxxxx xxxx xx xxxxxxxxxxxxxx xxxxxxxxx xxxxxxx xxxxxxxx xxxxx xxxxxx xxxxxxx xxx xxxxxxx xx xxxxxx xxxxxxxxxx, xxxxxxxxxx xxxxx xxxxxxxxxxxxx, xxx xxxxxxxx xxxx xxxxxxxxxx, xxxxx xxxxxxxx xx xxxxxx xxxxxxxxxxxxx xxxxxxxxx xxxxxxxxxxxxx.

xxxxxxx xxx xxxxx xxxxxxxxxx xxxxxx xxxxxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxxxxxxx xxxx xxxxx xxxxxxxxxx xxxxxxxxxx 2 xxxx xxxx xxxxx xxxx xxxxxxxxxxxxx. xxxx, xxxxxxxxx xxxxxxxxx’xxx xxxxxxx xxxxxxxx 500 x2 xxxxxxxxxxxxxx xxxxxxxxx xxxxxxx xxxxx’xxx.

xxxxxx xxxxxxxxxx xxxxxxx xxxxxxxxx xxxxxx xx xxxxx xxxx xxxxxxxxxxx xxxxxxxxxxxxx xxxxxx xxxxxxxxxx xx xxxxxxxxx xxxxxx xxxxxxxxx xxx xxxxxxx. xxxxxxxxx xxxxxxx 1’xx xxxxxx xxxxxxx xxxxxxxxx xx xxxxxxxx xxxxxxxxxxx.

xxxxxxx . xxxxxxxxx xxxxxxxxx xxxxx xxxxxx xxxxxxxxxx

|  |  |
| --- | --- |
| **xxxxxx xxxxxxxxxx** | **xxxx** |
| xxxxx xxxx xxxxx | 3 |
| xxxxxx xxxxxx | 4 |
| xxxxxxxxxx xxxxxxx | 3 |
| xxx xxxxxx | 2 |

# xxxxx xx xxxxxxxx

xxxxxxx xxx xxxxx xxxxxx xxxxxxx xxxxxxxx, xxxxxxx xxxxxxx, xxxxxxxxx xxxxxxx xxxxxx xxxxx xx xxxxxxxx xxx xxxxxxxxxxxx xxxxxxxxxx xx xxxxx xxxxxxx xxxxxxxxxxx. xxxx xxxxxx xxxxxx xxxxxx xxxxxx, xxxxxxxx xxxxx xx xxxxxxx xxxxxxxxxxxxx. xxxxx xx xxxxxxxxx xxxxxxxxxxx xxxxxxxxxxx xx xxxxxxxxxx xxxxxxxxxxxxx xxxxxx xxxxxxxxxx xxxxx xxx xxxx xxxxxxxxxxx xxxxxxxxx.

xxxxxxx xxxx xxxxxxxxx xxxxxxxxxx xxxxxxxxxxxxxx xxxxxxxxxxxx xxxxxxxxxxx xxxxxxxxx xxxxxxx, xxxxxxxxx xxxxxxxxx xxxxxx xxxxxxx xxxxxxxxxxx xxxxxxxxxxxxxxx. xx xxxxx xxxxxxxxxx, xxxxx xxxxxx xxxxxxx xxxxxxxxx xxxxxxxxxxx xxxxx xx xxxxxxxxxxxxx. xxxxxxxx xxxx xxxxxxxxxxx xx xxxxxx xxxxxx xxxxxxxxxxxxxxxxx, xxxx xxxxxxxxxxx xxxxxxxxxxxxx xxxx xx xxxxxxx xxxxxxx xxx xxxxxxxx xxxxxxxxxx xxxxxxx xxxxxxxxxx xxxxxxxxxxxx.

xxxxxxx xxx xxxxxxxxxxxxx xxxxxxxxx xxxxxxxxxxxx xxxxxxxxx xxxxxxxx, xxxxxxx xxxxxx xxx xxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxx xxxx, xx xxxxxxxxx xxxxxxxxxx xxxx xx xxxxxxx xxxxxxxx, xxxxxx-xxxx xxxxxxxx xxxxxxxx, xxxx xxxxxxx xxxxxxxxxxxxxx xxxxxxxxxxxx. xxxxxx xxxxxxxxxxx xxxx xxxxxxxxxxxx xx xxxxxx xxxxxx, xxxxxxx xxxxxx xxxxxxxxxx xxxxxxx xxxxxxxxxxx.

## xxxxxxxxxx xxxxxxx xxx xxxxxxxx xxxxxxxxxxx xxxxxxx xxxxxxx xxxxxx xxxxxxx xxxxxxxxx

xxxxxx xxxxx xxxxxx xxxxxxxxxxxxxx xxxxxxxxx xxxxx, xxxxxx xx xxxx xxxxxxxxxx xx xxxxxxxxxxx xxxxx xxx xxxxxxx xxxxxxxxxxxxxxx. xxxxxx xxxxxxxxxxxxx xxx xxxx xxxxx, xxxx, xxxxx, xxxxxxx xxxx xxxxxxxxxxx xxxxxxxxxx, xxxxx xxxxxxxxx xxxxxxxxxx xxxxxxxx xxxx xxxxxxxxxxx, xxx xxxxxxxx, xxxxxx xxxxxxxxxx, xxxxx xx. xxxx xxxxxxxx xxxxxxxxxxxx xx xxxxxxxx. xx xxxxxxxxx xxxxxxxxxx xxxxxx xxxx xxxxxxx xx xxxxxxx xxx xxxxxxxx xxx xxxxx xxxxxx xxxxxxxxxx xx xx xxxxxxx xxxxxxxxxx xxxxxxx xxxxxxx xxx xxx xxxxxxxx xxxxx xxxxxxxxx xxxxxxxxx, xxxxxxxxx xxxxxxxxxxxxx. xxx xxxxxx xxxxxxxxxxxxxxxxx, xx xxxxxxx xxxxxxxxxx xxxxxxx xxx xxxxx xxxx xxxxxxxxxxxx xxxxxxxx xxxxxxxxxxx.

xxxxxxx xxx xxxxxxxx xxxx xxxxxxxxxx xx xxxxxxxxx xxxxxxx xxx xxx xxxxxx xx xxxxxxxx xxxxxxxxx xxxxxxxx, xxxxxxx xxxxxx xxxxxx xx xxxxxxxx xxxxxxxxxxxxxx. xxxxx (2011), xx xxxx xxxxxxxx “xxx xxxxxxxxxxx xxxxxx xxxxxxxxxxxx xxxxxxxxxx xx xxxxxxxxxx xxxx xxxxxxxxx xxxxxxxxxxxx xxxxxxxxxxx xxxx xxx xxxxxxxxxxxx xxxxxxx xxxxxxxxxxxxx” xxxxxxxxx xxxxxxxxxxxx. xxxxxxxxxx xxxxxxx xxx xxxxx xxxxxxxx xxxxxxxxx xxxxxxx xxxxxxxxx xxxxx xx xxxxxxxxxxxxxx xxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxxx xxxxxxx xxx xxxxx xxxxxxxxxxxxx xxxxxxxxx. xxxxxxxxx xxx xxxxx xx xxxxxxxxxx, xxxxxx xxxxxx xxxx xxxxx, xxxxxx xxxxx xxxxxx xxxxx, xxxxx xxxx xxxxxxxxx xxx xxxxxxx xxxxxx xxxxxx xxx xxxxxxx xxxxxxxxxxxxxxx. xxxxxxxxx xxxxxxxxx, xxxxxxxxxx, xxxxxxxx xxxxx xx xxxxxxxx xxxxxxxxxxx xxxxx xxxxxxxxx.

**KAYNAKÇA**

xxxxxx. *x.x. xxxxxx xx xxxxxx xxxxxxxxxxxx xxxxxx xxxxxx*. , 2863 § xxxxx xxxxxx (2015).

xxxxxx. (2018). xxxxxxxxxx xxxx xxxxx xxx xxxxxxxx. xxxxx xxxxxx 18 xxxx 2019, xxxxxxxx xxxxx://xxx.xxxxxx.xxx/xxxxxx?xxx=1x1xxxx\_xxxx842xx842&x=xxxxxx%x3%x6xx%x3%xx+xxxx+xxxxxxxx&xxx=xxxx&xxxxxx=xxxx&xx=x&xxx=2xxxxxxxxxxxxxxxxxxxx8xxxxxxxxxxxxxx6xxxxxxx

xxxxx, x. (2007). xxx xxxxxx xxxxxxx xx xxxxxxxxxxx xxxxx xxxxxxx xxx xxxxxxxxxxxxx. *xxxxxxxx xxxxxxx*, *514*(1), 46-54.

xxxxx, x. (2004). *xxxxxxx xxxxxx xxxxxxxx xxxxxxxxxx xxxxxx xxxxx xxxxxxxx xxxxxxxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxxxxxx: xxxxxxxxx xxxxxx*. xxxxxx xxxxxxxxxxxx, xxx xxxxxxxxx xxxxxxxxx, xxxxxx.

xxxxxxxx, x. x., xxxxx, x., xxxxxxx, x., xxxxxxx, x., xxxxx, x., x xxxxxxxxx, x., xx xxxxxx, x. x. (2001). *xxxxxx: x xxxxx xx xxxxxxxxxxxx*.

xxxxxxxxxx, x., xxxxxx, x., xxxxx, x. x., xxxxxxx, x., xx xxxxx, x. x. (2012). xxxxxxx xxx xxxxxxxxxxxxxxx xxx xxxxx xxxxxxxxxxxx xxxxxxxxxxxxxxxxx: xxxxxxx xxxx, xxxxxx. *xxx xxxxxxxxxxxx xxxxxx xxxxxxxxx xxxxxxx*, *49*(3), 265-274.

xxxxx, x. (2011). xxxxxxx (xxxx) xxxxxxx xxx xxxxx xxxxxxx xxx xxxxxxxxx. *xxxxxxxxx xxxxxxxxxx xxxxxxx xx xxxxxxxx xxxxxxx*, *11*(1), 44-51.

xxxxx, x. x. (2007). *xxxxxxx xxxxx xxxx xx xxxxx xxxx xxxxxxx xxxxxx xxxxxx xxxx xxxxxxxxxx xxxxxxx xxxxxx xxxxxxxx xxxxxxxxx xxxxxxxxxxxxxxxxx* (xxxxxxx xxxx). xxxxxx xxxxxxxxxxxx, xxx xxxxxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxx xxxx, xxxxxx.

xxxxxxx, x. (2014). *xxxxxxxxx xxxxxxxxxx xxxxxxxxxx xxxxxx xxxxxx xxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxx: xxxxxx-xxxxxxx xxxxxx xxxxxx* (xxxxxxx xxxx). xxxxxx xxxxxxxxxxxx, xxx xxxxxxxxx xxxxxxxxx xxxxxx xxxxxxxxx xxxxxxxx xxxx, xxxxxx.

xxxxxx xxxxxx xxxxxx. (2010). xxxxxx xxxxxx xxxxxx. xxxxx xxxxxx 19 xxxxx 2018, xxxxxxxx xxxx://xxxxxxxxxxxxxxxxxx.xxx.xx/

xxxxxx, x., xx xxxxxxx, x. (1992). xxxxxx xxxxxxxxxx xxxxxx xxxxxxxx. *xxxxxx xxxxxxxx xxxxxxx xxxxxxxxx*, *2*, 205.