

# Violin Concerto in D Major

Op. 61

Ludwig Van Beethoven

Allegro ma non troppo

Flauto

2 Oboi

2 Clarinetti in A

2 Fagotti

2 Corni in D

2 Trombe in D

Timpani in D-A

Violino principale

Violino I

Violino II

Viola

Violoncello

Basso

*p dolce*

*cresc. sf*

*zu 2*

*p*

10

Ob.  
Cl.  
Fg.  
Timp.  
Vl.  
Vla.  
Vc.  
e B.

*p*  
*p*  
*p*  
*p*  
*p*  
*f*  
*f*  
*f*  
*f*

Vl.  
Vla.  
Vc.  
e B.

*f*  
*f*  
*f*  
*p*  
*p*  
*p*

20

Cl.  
Fg.  
Vl.  
Vla.  
Vc.  
e B.

*dolce*  
*dolce*  
*p*  
*p*  
*p*  
*p*

Ob. *cresc.*

Cl. *cresc.*

Fg. *cresc.*

Cor. (D) *cresc. f*

VI. *cresc. f* *dimin.* *pp*

Vla. *cresc. f* *dimin.* *pp*

Vc. e B. *dimin.* *pp*

30

Fl. *ff*

Ob. *ff*

Cl. *ff*

Fg. *ff*

Cor. (D) *ff*

Tbe. (D) *ff*

Timp. *ff*

VI. *ff*

Vla. *ff*

Vc. e B. *ff*

Fl.

Ob.

Cl.

Fg.

Cor.  
(D)

Tbe.  
(D)

Timp.

Vl.

Vla.

Vc.  
e B.

40

Fl.

Ob.

Cl.

Fg.

Cor.  
(D)

Tbe.  
(D)

Timp.

Vl.

Vla.

Vc.  
e B.

Ob.

Cl.

Fg.

Cor. (D)

Timp.

Vl. I

Vc. e B.

*p*

*pizz.*

*p*

Ob.

Cl.

Fg.

Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc.

B.

50

*p*

*sempre pp*

*tr tr*

*sempre p*

*sempre p*

*sempre p*

*arco*

*sempre p*

*sempre p*

Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc.

B.

This system of musical notation includes seven staves. The top two staves are for Cor. (D) and Tbe. (D), both in treble clef, playing a rhythmic pattern of quarter notes. The Timp. staff is in bass clef, playing a similar pattern. The Vl. staff is in treble clef with a melodic line. The Vla. staff is in alto clef with a complex rhythmic pattern. The Vc. staff is in bass clef with a complex rhythmic pattern. The B. staff is in bass clef with a simple harmonic accompaniment.



Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc.

B.

This system of musical notation continues the piece. The Cor. (D) and Tbe. (D) staves play a rhythmic pattern of quarter notes. The Timp. staff plays a similar pattern. The Vl. staff has a melodic line with some dynamics markings. The Vla. staff has a complex rhythmic pattern. The Vc. staff has a complex rhythmic pattern. The B. staff has a simple harmonic accompaniment.

60

Ob. *p* *cresc.* *f sf*

Cl. *p* *cresc.* *f sf*

Fg. *p* *cresc.* *f sf*

Cor. (D) *f sf*

Vl. *cresc.* *f sf*

Vla. *cresc.* *f sf*

Vc. *cresc.* *f sf*

B. *cresc.* *f*

70

Fl. *cresc.* *f*

Ob. *f*

Cl. 1. *cresc.* *f*

Fg. 1. *cresc.* *f*

Cor. (D) *pp* *cresc.* *f*

Vl. *pp* *cresc.* *f*

Vla. *pp* *cresc.* *f*

Vc. *cresc.* *f*

Bassi arco *pp* *cresc.* *f*

Fl.

Ob.

Cl.

Fg.

Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc. e B.

Fl.

Ob.

Cl.

Fg.

Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc. e B.

Fl.

Ob.

Cl.

Fg. *zu 2*

Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc. e B.

*sf* *sf* *sf* *p*

90

Cl.

Fg.

Viol. principale

Vl.

Vla.

Vc. e B.

*f* *f* *p*

*sf* *sf* *p*

*f* *f* *p*

Vl.pr.

Vl.pr.

Ob.

Cl.

Fg.

Timp.

Vl.pr.

Vl.

Vla.

Vc. e B.

Ob.

Cl.

Fg.

Timp.

Vl.pr.

110

Vl.pr.

Vl.

Vla.

Vc. e B.

Vl.pr.

*dimin.*

Vl.

Vla.

Vc. e B.

1. 120

Cl.

*dolce*

Fg.

*dolce*

Vl.pr.

**Tutti**

Vl.

Vla.

Vc. e B.

Fl.

Ob.

Cl.

Fg. *zu 2*

Cor. (D)

Tbe. (D)

Timp.

Vl.

Vla.

Vc. e B.

Vl.pr. *Solo dolce*

Vl.

Vla.

Vc. e B.

Vl.pr. 130

Vl.

Vla.

Vc. e B.

Vi.pr.

Vi.

Vla.

Vc.  
e B.

Ob.

Cl.

Cor.  
(D)

1.

*p*

*zu 2*

*p*

Vi.pr.

Vi.

Vla.

Vc.  
e B.

Ob.

Cl.

Cor.  
(D)

Vi.pr.

Vi.

Vla.

Vc.  
e B.

140  
Vl.pr. *dimin.*

Cl. *p dolce*  
Fg. *p dolce*

Vl.pr. *tr.* *dolce* *pizz.*  
Vc. e B. *p*

150  
Cl.  
Fg.

Vl.pr. *3*  
Vl. *p* *pizz.*  
Vla. *p*  
Vc. e B. *p*

Vl.pr.  
Vl.  
Vla.  
Vc. e B.

160

Vl.pr.

Vl.

Vla.

Vc. e B.

1.

Ob.

Cl.

Vl.pr.

Vl.

Vla.

Vc. e B.

*p* *cresc.* *f* *sf*

*p* *cresc.* *f* *sf*

*cresc.* *f*

*arco* *cresc.* *f* *sf*

*cresc.* *f* *sf*

*cresc.* *f* *sf*

Ob.

Cl.

Vl.pr.

Vl.

Vla.

Vc. e B.

*p* *p*

*dolce*

*p* *p* *p* *p*

*Vc. arco* *p*

Ob.

Cl.

Vl.pr. *cresc.*

Vl. *poco cresc.*

Vla. *poco cresc.*

Vc. e B. *poco cresc.* arco Bassi

Vl.pr. *f*

Vl. *f*

Vla. *f*

Vc. e B. *f*

Ob.

Fg. *p*

Vl.pr. *Tutti*

Vl. *p*

Vla. *p*

Vc. e B. *p*

180

Ob.

Fg.

Solo

*dolce*

Vl.pr.

Vl.

Vla.

Vc. e B.

Vl.pr.

Vl.

Vla.

Vc. e B.

Ob.

Cl.

Fg.

1.

1. *p*

*p*

Vl.pr.

Vl.

Vla.

Vc. e B.

*p*

190

Ob.

Cl.

Fg.

Vl. pr.

*poco cresc.*

Vl.

*poco cresc.*

Vla.

*poco cresc.*

Vc. e B.

*poco cresc.*

Ob.

*cresc.*

*f*

Cl.

*cresc.*

*f*

Cor. (D)

*cresc.*

*f*

Vl. pr.

*f*

Vl.

*f*

Vla.

*f*

Vc. e B.

*f*

Ob.

Cl.

Cor.  
(D)

Vl.pr.

Vl.

Vla.

Vc.  
e B.

Vl.pr.

Vl.

Vla.

200

Vl.pr.

Vl.

Vla.

Vc.  
e B.

210

Cl. *p* *cresc.* *sfp* *cresc.* *sfp*

Fg. *p* *cresc.* *sfp* *cresc.* *sfp*

Vl. pr. *p* *cresc.* *sfp* *cresc.* *sfp*

Vl. *sfp*

Vla. *sfp*

Vc. e B. *sfp*

Cl. 220 *cre - -*

Fg. *cre - -*

Vl. pr. *cre - -*

Ob. *cresc.*

Cl. *scen - - do*

Fg. *scen - - do*

Vl. pr. *scen - - do f*

Vl. *cresc.*

Vla. *cresc.*

Vc. e B. *cresc.*

*cresc.*

This musical score page features the following instruments and parts:

- Fl.** (Flute): Treble clef, *ff* dynamic.
- Ob.** (Oboe): Treble clef, *ff* dynamic.
- Cl.** (Clarinet): Treble clef, *ff* dynamic.
- Fg.** (Bassoon): Bass clef, *ff* dynamic.
- Cor. (D)** (Cor Anglais): Treble clef, *ff* dynamic.
- Tbe. (D)** (Trombone): Treble clef, *ff* dynamic.
- Timp.** (Timpani): Bass clef, *ff* dynamic.
- Vl pr.** (Violin part): Treble clef, *ff* dynamic, includes a *Tutti* marking.
- Vl.** (Violin): Treble clef, *ff* dynamic.
- Vla.** (Viola): Bass clef, *ff* dynamic.
- Vc. e B.** (Violoncello and Double Bass): Bass clef, *ff* dynamic.

The score is written in a key signature of one sharp (F#) and a common time signature (C). The woodwinds and strings play a rhythmic pattern of eighth notes, while the brass instruments play a more melodic line. The *Tutti* marking is placed above the Violin part.

Musical score for measures 230-232. The score includes parts for Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Bassoon (Fg.), Cor Anglais (Cor. (D)), Trombone (Tbe. (D)), Timpani (Timp.), Violin (Vl.), Viola (Vla.), and Violoncello/Double Bass (Vc. e B.). The key signature is one sharp (F#) and the time signature is 4/4. The music features various dynamics including *sf* (sforzando) and *sfz* (sforzando), and articulation marks such as accents and slurs. The woodwinds and strings play complex rhythmic patterns, with some instruments marked "zu 2" (two together).

Musical score for measures 233-235. The score includes parts for Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Bassoon (Fg.), Cor Anglais (Cor. (D)), Trombone (Tbe. (D)), Violin (Vl.), Viola (Vla.), and Violoncello/Double Bass (Vc. e B.). The key signature is one sharp (F#) and the time signature is 4/4. The music continues with complex rhythmic patterns and dynamics such as *sf* and *p* (piano). The woodwinds and strings play complex rhythmic patterns, with some instruments marked "zu 2" (two together).

240

VI.I

Ob. *p dolce*

Cl. *p dolce*

Fg. *p dolce*

Cor. (D) *p*

VI.I

Vc. e B. *pizz.*

*p*

*zu 2*

Fl.

Ob. *ff*

Cl. *ff*

Fg. *ff*

Cor. (D) *ff*

Tbe. (D) *ff*

Timp.

VI. *ff*

Vla. *ff*

Vc. e B. *ff*

*zu 2*

*tr*

*arco*

250

Fl.

Ob. zu 2

Cl. zu 2

Fg.

Cor. (D)

Tbe. (D)

Timp.

Vi.

Vla.

Vc. e B.

Fl.

Ob.

Fg. zu 2

Cor. (D)

Tbe. (D)

Vi.

Vla.

Vc. e B.

Fl. *sempre ff*

Ob. *sempre ff*

Fg. *sempre ff*

Cor. (D)

Tbe. (D)

Timp.

Vl. *sempre ff*

Vla. *sempre ff*

Vc. e B. *sempre ff*

260

Fl. *sempre f[f]*

Ob. *sempre f[f]*

Fg. *sempre f[f]*

Cor. (D)

Tbe. (D)

Vl. *sempre f[f]*

Vla. *sempre f[f]*

Vc. e B. *sempre f[f]*

Fl. *p* *sf* *sf*  
 Ob. *sf* *sf*  
 Cl. *sf* *sf*  
 Fg. *sf* *sf*  
 Cor. (D)  
 Tbe. (D)  
 Vl. *sf* *sf*  
 Vla. *sf* *sf*  
 Vc. e B. *sf* *sf*

Fl. *sf*  
 Ob. *sf*  
 Cl. *sf*  
 Fg. *sf*  
 Cor. (D) *zu 2*  
 Tbe. (D)  
 Timp.  
 Vl. *sf*  
 Vla. *sf*  
 Vc. e B. *sf*

Fl. *[sempre f] f*

Ob. *sempre ff* zu 2

Cl.

Fg. *sempre ff* zu 2

Cor. (D) *sempre ff*

Vl. *sempre ff*

Vla. *sempre f[f]* *[div.]*

Vc. e B. *sempre ff*

Fl. 280

Ob.

Fg.

Cor. (D)

Vl.pr. Solo

Vl. *p*

Vla. *p*

Vc. e B. *[sf]* *sf* *sf* *p*



FG. *p*

Vl. pr.

Vl.

Vla.

Vc. e B.

310

FG.

Vl. pr.

Vl.

Vla.

Vc. e B.

FG.

Vl. pr.

Vl.

Vla.

Vc. e B.

320

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

*cre - scen - do* *f*

*cre - - - scen - - - do* *f*

*cre - scen - do* *f*

*cre - scen - do* *f*

*cre - scen - do* *f*

*cre - scen - do* *f*

330

Cor. (D)

*pp* *pp*

Vl.pr. *p*

Vl.

Vla.

Vc. e B.

Fg.

Cor. (D)

Vl.pr.

Vl.

Vla.

Vc. e B.

*cresc.* *pp*

*cresc.* *pp*

*cresc.* *pp*

*cresc.* *pp*

*cresc.* *pp*

340

Fg.

Vl.pr.

Vl.

Vla.

Vc. e B.

Musical score for the first system, measures 343-350. The score includes parts for:

- Fg.** (First Trumpet): Bass clef, starting with a *cresc.* marking.
- Tbe. (D)** (Second Trumpet): Treble clef, playing a sustained chord.
- Timp.** (Timpani): Bass clef, playing a rhythmic pattern.
- Vl. pr.** (Violin part): Treble clef, featuring a melodic line with triplets.
- Vl.** (Violin): Treble clef, playing a rhythmic accompaniment with a *cresc.* marking.
- Vla.** (Viola): Bass clef, playing a sustained chord with a *cresc.* marking.
- Vc. e B.** (Violoncello): Bass clef, playing a sustained chord with a *cresc.* marking.

Dynamics include *pp* (pianissimo) for the Tbe. (D), Timp., and Vc. e B. parts.

Musical score for the second system, measures 351-358. The score includes parts for:

- Tbe. (D)** (Second Trumpet): Treble clef, playing a sustained chord.
- Timp.** (Timpani): Bass clef, playing a rhythmic pattern.
- Vl. pr.** (Violin part): Treble clef, continuing the melodic line.
- Vl.** (Violin): Treble clef, playing a rhythmic accompaniment.
- Vla.** (Viola): Bass clef, playing a sustained chord.
- Vc. e B.** (Violoncello): Bass clef, playing a sustained chord.

The measure number 350 is indicated at the top of the second system.

Tbe. (D)

Timp.

Vl. pr.

Vl.

Vla.

Vc. e B.

Tbe. (D)

Timp.

Vl. pr.

Vl.

Vla.

Vc. e B.

*pp*

*pp*

*pp*

*pp*

Vl. pr.

Vl.

Vla.

Vc. e B.

360



370

Fl.  
Ob.  
Cl.  
Fg.  
Cor. (D)  
Tbe. (D)  
Timp.  
Vl.pr.  
Vl.  
Vla.  
Vc. e B.

*mf*  
*mf*  
*mf*  
*mf*  
*mf*  
*mf*  
*tr*  
*f*  
*f*  
*f*

Detailed description: This is a page of a musical score, numbered 370. It features ten staves of music for various instruments. The top five staves are for woodwinds: Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Bassoon (Fg.), and Cor Anglais (Cor. (D)). The next two staves are for brass: Trombone (Tbe. (D)) and Timpani (Timp.). Below these are three staves for strings: Violin (Vl.), Viola (Vla.), and Cello/Double Bass (Vc. e B.). The Flute part begins with a measure of rest, followed by a melodic line starting at measure 370. The Oboe, Clarinet, and Bassoon parts provide harmonic support with sustained notes and moving lines. The Cor and Trombone parts play rhythmic patterns. The Timpani part has a trill (tr) in measure 370. The Violin, Viola, and Cello/Double Bass parts play a rhythmic accompaniment. Dynamics include *mf* (mezzo-forte) and *f* (forte). The score is in a key with two sharps (D major or F# minor) and a common time signature.

Fl. *[sf]* *sempre ff*  
 Ob. *[sf]* *[sempre ff]*  
 Cl. *sf* *sempre ff*  
 Fg.  
 Cor. (D)  
 Tbc. (D)  
 Timp.  
 Vl.pr.  
 Vl. *sf* *sempre ff*  
 Vla. *sf* *sempre ff*  
 Vc. e.B. *sempre ff*  
*[sempre ff]*

380

Fl.  
Ob.  
Cl.  
Fg.  
Cor. (D)  
Tbe. (D)  
Timp.  
Vi.pr.  
VI.  
Vla.  
Vc. e B.

VI.pr.  
VI.  
Vla.  
Vc. e B.

Solo  
*dolce*  
*p*  
*p*  
*p*  
*p*

390

Vl. pr.

Vl.

Vla.

Vc. e B.

Vl. pr.

*dolce*

Vl.

Vla.

Vc. e B.

1.

Ob.

*p* zu 2

Cl.

*p*

Vl. pr.

Vl.

Vla.

Vc. e B.

*p*

400

Cl.

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

Vl. pr.

Vl.

Vla.

Vc. e B.

410

Ob.

Cl.

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

*p* zu 2

*p* zu 2

Ob.  
Cl.  
Fg.

Vl.pr.  
Vl.  
Vla.  
Vc.  
e B.

Cl.  
Fg.

Vl.pr.  
Vc.  
e B.

420

Ob.  
Cl.  
Fg.

Cor.  
(D)

Vl.pr.  
Vla.  
Vc.  
e B.

Ob.

Cor.  
(D)

Vl.pr.

Vl.

Vla.

Vc.  
e B.

Vl.pr.

Vl.

Vla.

Vc.  
e B.

430

Vl.pr.

Vl.

Vla.

Vc.  
e B.

Fl. *[p]* *cre - - - scen - - -*

Ob. *[p]* *cre - - - scen - - -*

Vl.pr. *cre - - - scen - - -*

Vl. *cre - - - scen - - -*

Vla. *cre - - - scen - - -*

Vc. eB. *cre - - - scen - - -*

440

Fl. *do f sf p*

Ob. *do f sf p*

Vl.pr. *do f dimin. dolce*

Vl. *do f sf p*

Vla. *do f p arco*

Vc. eB. *do f p arco*

Fl.  
Ob.

Vl.pr.  
VI.  
Vla.  
Vc.  
B.

*cre - scen*

*cre - scen*

*cre - scen*

*cre - scen*

*poco cre arco - scen*

*poco cre - scen*

Vl.pr.  
VI.  
Vla.  
Vc.  
e B.

*do f*

*do f*

*do f*

*do f*

*do f*

450

Cl.  
Cor. (D)

Vl.pr.  
VI.  
Vla.  
Vc.  
e B.

*p*

*p*

*p*

*p*

*Tutti*

Cl.  
Cor.  
(D)  
Vl.pr.  
Vl.  
Vla.  
Vc.  
e B.

*dii* *dii*

Solo  
*dolce*

*dii* *dii*

Vl.pr.  
Vl.  
Vla.  
Vc.  
e B.

460

*dii* *dii*

Ob.  
Cl.  
Vl.pr.  
Vl.  
Vla.  
Vc.  
e B.

*p* *p*

*dii* *dii*

Ob.

Cl.

Vl.pr.

Vl.

Vla.

Vc. eB.

*cre - - - - - scen*

*poco - - - - - cre*

*poco - - - - - cre*

*poco - - - - - cre*

*poco - - - - - cre*

F1.

Ob.

Cl.

Cor. (D)

Vl.pr.

Vl.

Vla.

Vc. eB.

*cresc.*

*1. cresc.*

*cresc.*

*cresc.*

*do*

*scen - - - - - do*

*scen - - - - - do*

*scen - - - - - do*

*scen - - - - - do*

*f*

*f*

*f*

*f*

*f*

*f*

*f*

470

Fl.

Ob.

Cl.

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

Ob.

Cor. (D)

Vl. pr.

Vl.

Vla.

Vc. e B.

*pp*  
zu 2  
*pp*

*p*

*p*

*p*

*p*

*p*

Ob.

Cor. (D)

Vl. pr.

Vl.

Vla.

Vc. e B.

Ob.

Cor. (D)

Vl. pr.

Vl.

Vla.

Vc. e B.

490

Ob.

Cor. (D)

Vl. pr.

Ob. - - - scen - - - do

Cor (D) - - - scen - - - do

Vl.pr. - - - scen - - - do *f*

Vl. *cresc.*

Vla. *cresc.*

Vc. e B. *cresc.*

**Tutti** *ff* 500

Fl. *ff*

Ob. *ff*

Cl. *ff*

Fg. *ff*

Cor. (D) *ff*

Tbe. (D) *ff*

Timp. *ff*

Vl.pr. *ff*

Vl. *ff*

Vla. *ff*

Vc. e B. *ff*

Fl.

Ob.

Cl.

Fg.

Cor. (D)

Tbe. (D)

Timp.

Vi. pr.

Vl.

Vla.

Vc. e B.

zu 2

zu 2

zu 2

[sf]

[sf]

*sempre f*

*sempre f*

*sempre f*

Fl.  
Ob.  
Cl.  
Fg.  
Cor. (D)  
Tbe. (D)  
Timp.  
Vl. pr.  
Vl.  
Vla.  
Vc. e B.

The image shows a page of a musical score for a symphony orchestra. The score is divided into two systems. The first system contains the woodwind and percussion parts: Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Bassoon (Fg.), Cor Anglais (Cor. (D)), Trombone (Tbe. (D)), and Timpani (Timp.). The second system contains the string parts: Violin part (Vl. pr.), Violin section (Vl.), Viola (Vla.), and Violoncello and Double Bass (Vc. e B.). The music is written in a key signature of one sharp (F#) and a 4/4 time signature. The woodwinds and strings are playing a complex, rhythmic passage with many slurs and accents. The string parts are marked with *sf* (sforzando) and *[sf]* (sforzando) throughout. The woodwinds also have *sf* markings. The score is printed in black ink on a white background.

Fl.  
Ob.  
Cl.  
Fg.  
Cor. (D)  
Tbe. (D)  
Timp.  
Vl.pr.  
Vl.  
Vla.  
Vc. e B.

*ff*  
*ff*  
*ff*  
*ff*  
*ff*  
*ff*  
*ff*  
*ff*  
*ff*  
*ff*

Solo sul De G  
*dolce pizz.*  
*p pizz.*  
*p pizz.*  
*p pizz.*  
*p*

Ob.  
Cor. (D)  
Vl.pr.  
Vl.  
Vla.  
Vc. e B.

*p*  
*p*  
*p*  
*p*  
*p*  
*p*

520

Ob.

Fg.

Cor. (D)

Vl. pr.

Vl.

Vl.

Vc. e B.

*dimin.*

*pp*

*pp*

*arco*

*arco*

*pp*

*pp*

*pp*

*pp*

*pp*

*pp*

*pp*

Fg.

Vl. pr.

Vl.

Vla.

Vc. e B.

Fig.

Vl. pr.

Vl.

Vla.

Vc. e B.

*cresc.*

*cresc.*

*cresc.*

*cresc.*

*cresc.*

Fl.

Ob.

Cl.

Fig.

Cor. (D)

Tbe. (D)

Timp.

Vl. pr.

Vl.

Vla.

Vc. e B.

*f*

*ff*

*f*

*ff*

*f*

*ff*

*f*

*ff*

*f*

*ff*

*f*

*ff*

*f*

*ff*